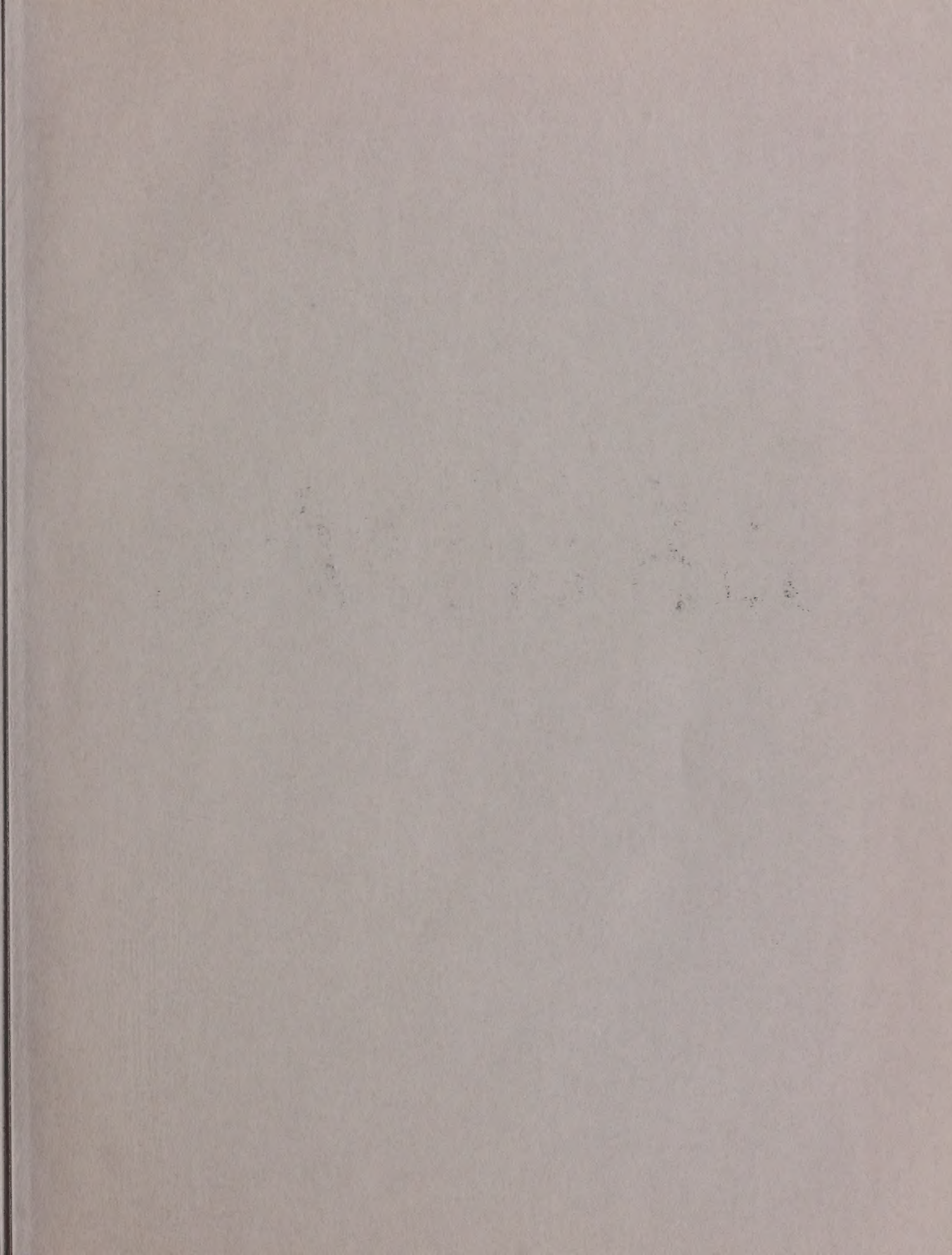






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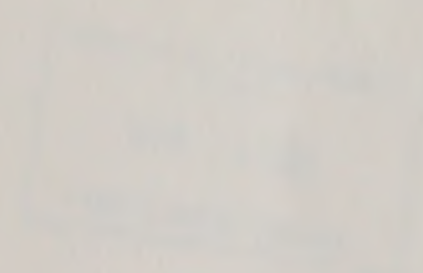




STATE OF CALIFORNIA  
The Governor  
Department of Water Resources

BULLETIN NO. 150-73

HYDROLOGIC DATA 1973  
Volume IV, SAN JOAQUIN VALLEY



1973

430 1973 1973  
430 1973 1973







State of California  
The Resources Agency  
Department of Water Resources

BULLETIN No. 130-73

HYDROLOGIC DATA: 1973

Volume V: SOUTHERN CALIFORNIA

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DECEMBER 1974

NORMAN B. LIVERMORE, JR.  
Secretary for Resources  
The Resources Agency

RONALD REAGAN  
Governor  
State of California

JOHN R. TEERINK  
Director  
Department of Water Resources





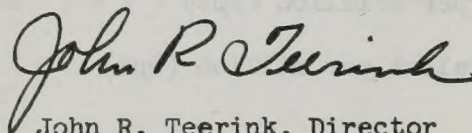


## FOREWORD

The hydrologic data programs of the Department of Water Resources supplement the data collection activities of other agencies and help satisfy the needs for data on the quality and quantity of the State's water resources. The data presented in Bulletin No. 130-73 represent the continuing efforts of the Department to compile and publish comprehensive, accurate, timely and useful information on water quality and quantity of the State. Application of sound judgment with more complete knowledge of the factors affecting our environment is prerequisite to effective planning, design, construction, and operation of water conservation and treatment facilities.

The Bulletin No. 130 series is published annually in five volumes. Each Volume presents hydrologic data for one of five reporting areas of the State. These areas are delineated on the map to the left.

Volume V contains data for the 1972-73 water year in Southern California concerning: surface water flow, reservoir storage, ground water levels, ground water recharge, and surface and ground water quality. Figures show: representative precipitation characteristics, imported water, fluctuation of water level in wells, locations of hydrologic areas within drainage provinces, surface water quality sampling stations, and surface water measurement stations.



John R. Teerink, Director  
Department of Water Resources  
The Resources Agency  
State of California  
December 18, 1974



# METRIC CONVERSION TABLE

<u>English Unit</u>	<u>Equivalent Metric Unit</u>
Inch (in.)	2.54 Centimeters
Foot (ft.)	0.3048 Meter
Mile (mi.)	1.609 Kilometers
Acre	0.405 Hectare
Square mile (sq. mi.)	2.590 Square kilometer
U. S. gallon (gal.)	3.785 Liters
Acre-foot (acre-ft.)	1,233.5 Cubic meters
U. S. gallon per minute (gpm)	0.0631 Liter per second
Cubic feet per second (cfs)	1.7 Cubic meters per minute
Degrees Fahrenheit ( $^{\circ}\text{F}$ )	Degrees Celsius or Degrees Centigrade ( $^{\circ}\text{C}$ ) = ( $^{\circ}\text{F} - 32^{\circ}$ ) $\frac{5}{9}$

# WATER QUALITY CONVERSION TABLE

<u>Weight Per Weight</u>	<u>Equivalent Weight Per Volume</u>
Part per million (ppm)	Milligram per liter (mg/l)
Part per billion (ppb)	Microgram per liter (ug/l)
Part per trillion (ppt)	Nanogram per liter (ng/l)
Equivalent per million (epm)	Milliequivalent per liter (me/l)

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State of California  
The Resources Agency  
DEPARTMENT OF WATER RESOURCES

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Water Resources Evaluation Section



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Los Angeles County Health Department  
National Weather Service  
Orange County Air Pollution Control District  
Orange County Department of Agriculture  
Orange County Flood Control District  
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Riverside County Flood Control and Water Conservation  
District  
San Bernardino County Flood Control District  
San Bernardino Valley Water Conservation District  
San Diego County Department of Special District Services  
San Luis Obispo County Flood Control and Water Conservation  
District  
Santa Barbara County Flood Control and Water Conservation  
District  
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United States Geological Survey  
United Water Conservation District Ventura County  
University of California at Riverside  
Ventura County Flood Control District

Appendix A  
**CLIMATOLOGICAL DATA**





## APPENDIX A

### CLIMATOLOGICAL DATA

This appendix presents representative precipitation characteristics for four stations in Figures A-1 through A-4 and a summary of monthly rainfall only for the water year from October 1, 1972 to September 30, 1973. These monthly values are derived from more detailed daily values which are available on nearly all stations listed. About 350 of these stations have hourly data available also.

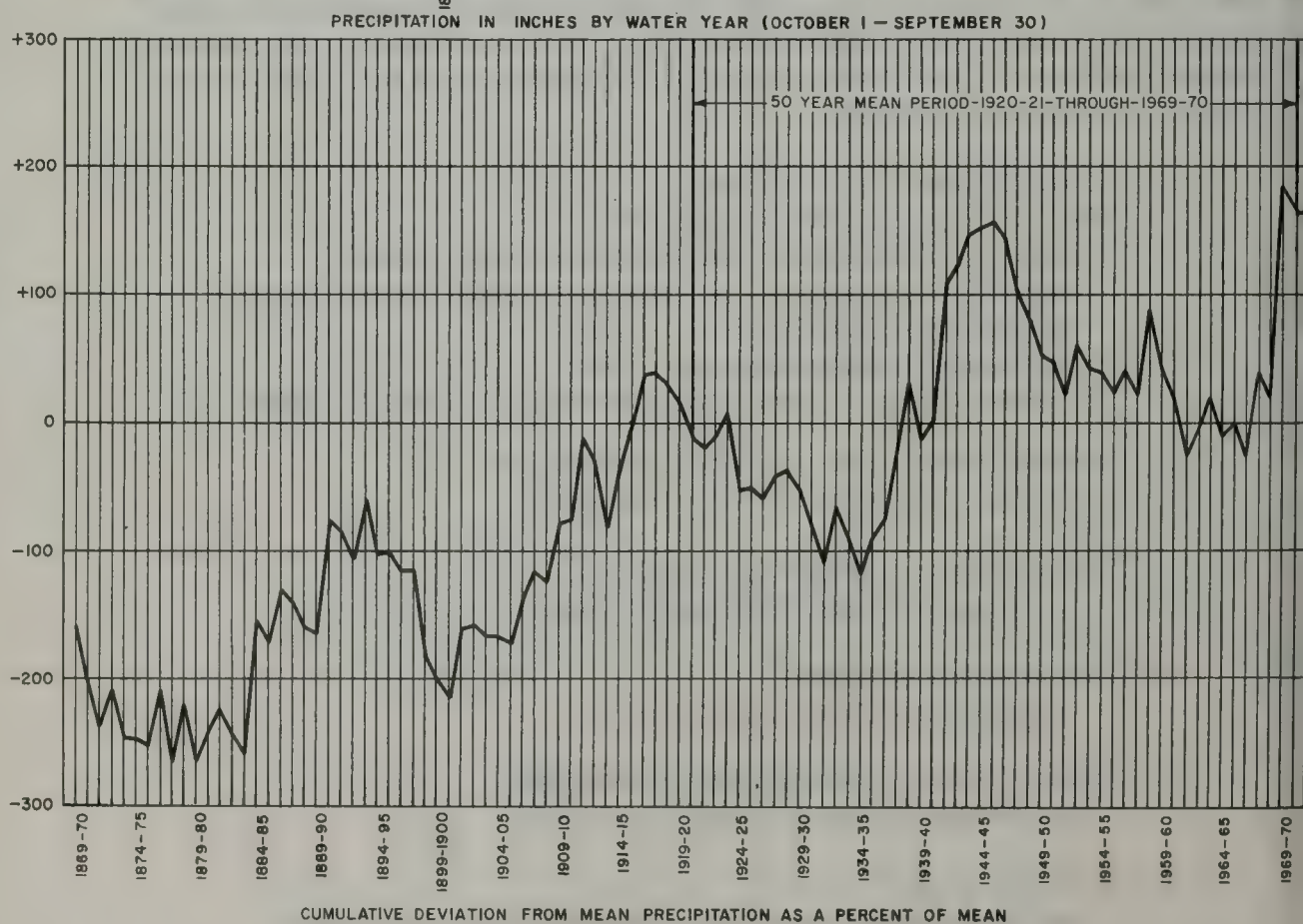
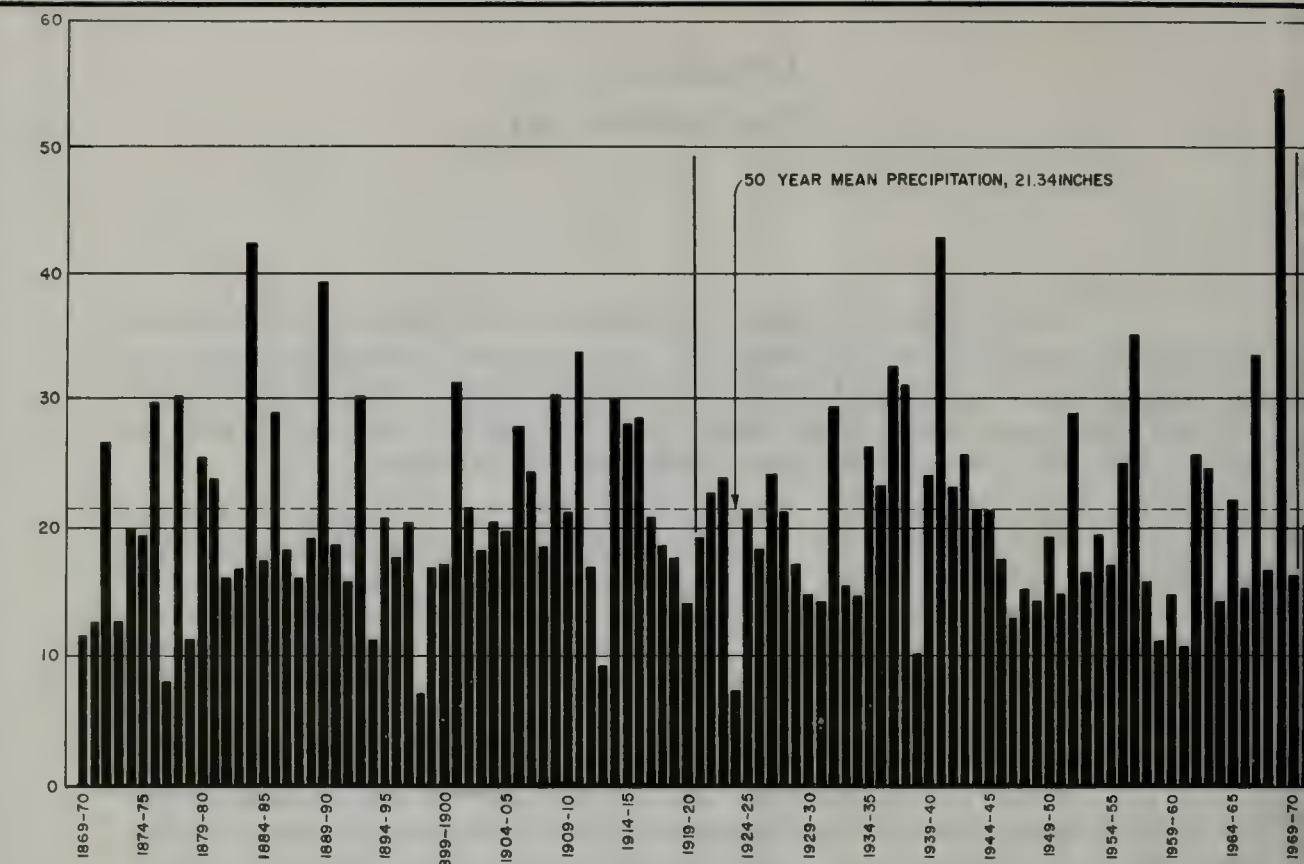
Each station in this appendix has been assigned an identification number. The first character denotes the drainage province. The second and third characters represent the hydrologic unit. (Figures C-1 through C-6, pages 51 through 61, in Appendix C show the locations and code numbers of the hydrologic subdivisions in each drainage province.) The remaining characters denote the numeric sequence of the station.

Monthly, daily, and hourly data for some stations are available in the files of the Southern District of the Department of Water Resources. In addition to the information in this appendix, the National Weather Service and other governmental agencies collect and publish climatological data. The data published in the following reports, together with this report, present a comprehensive picture of the climatic conditions in Southern California:

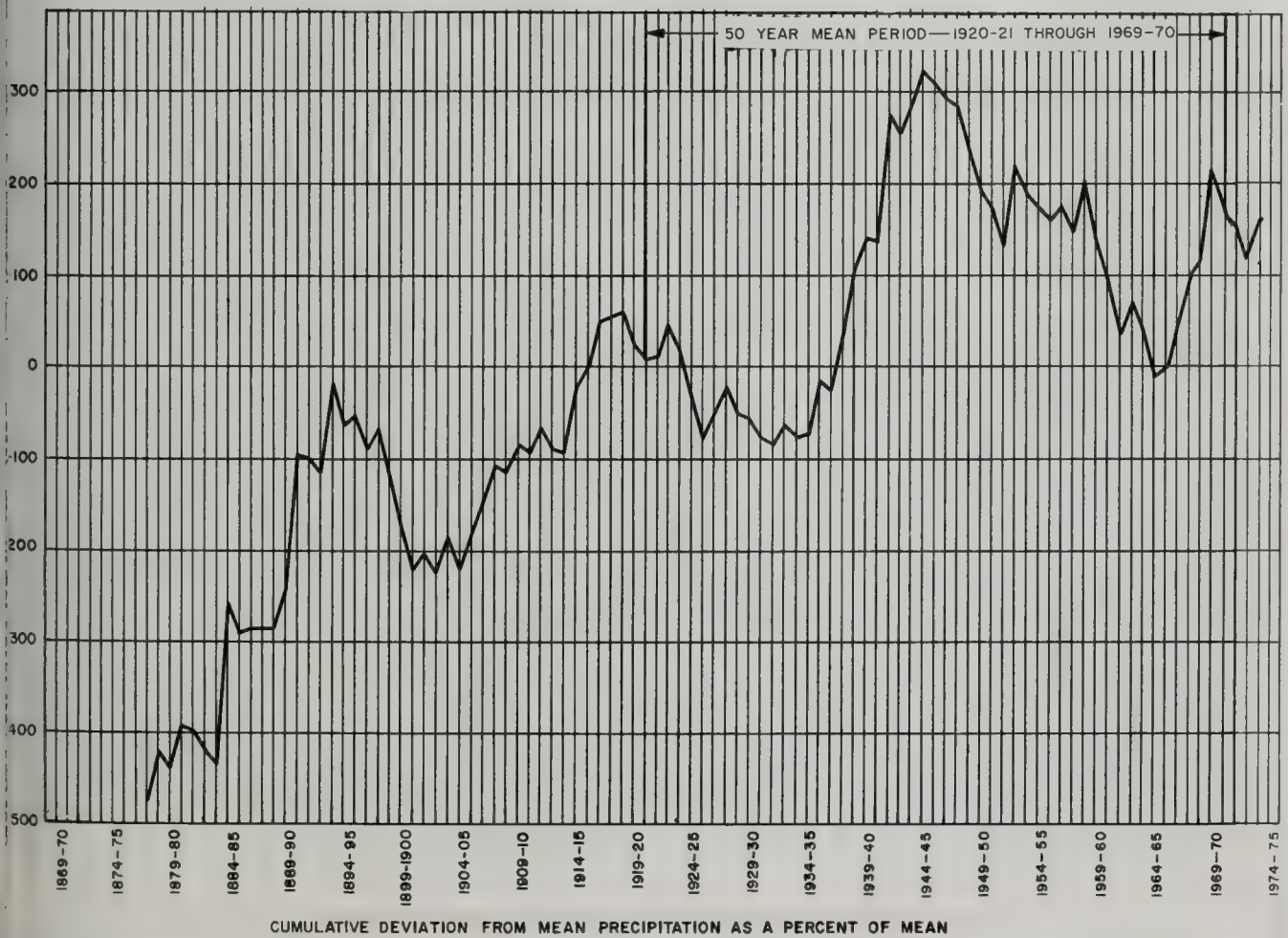
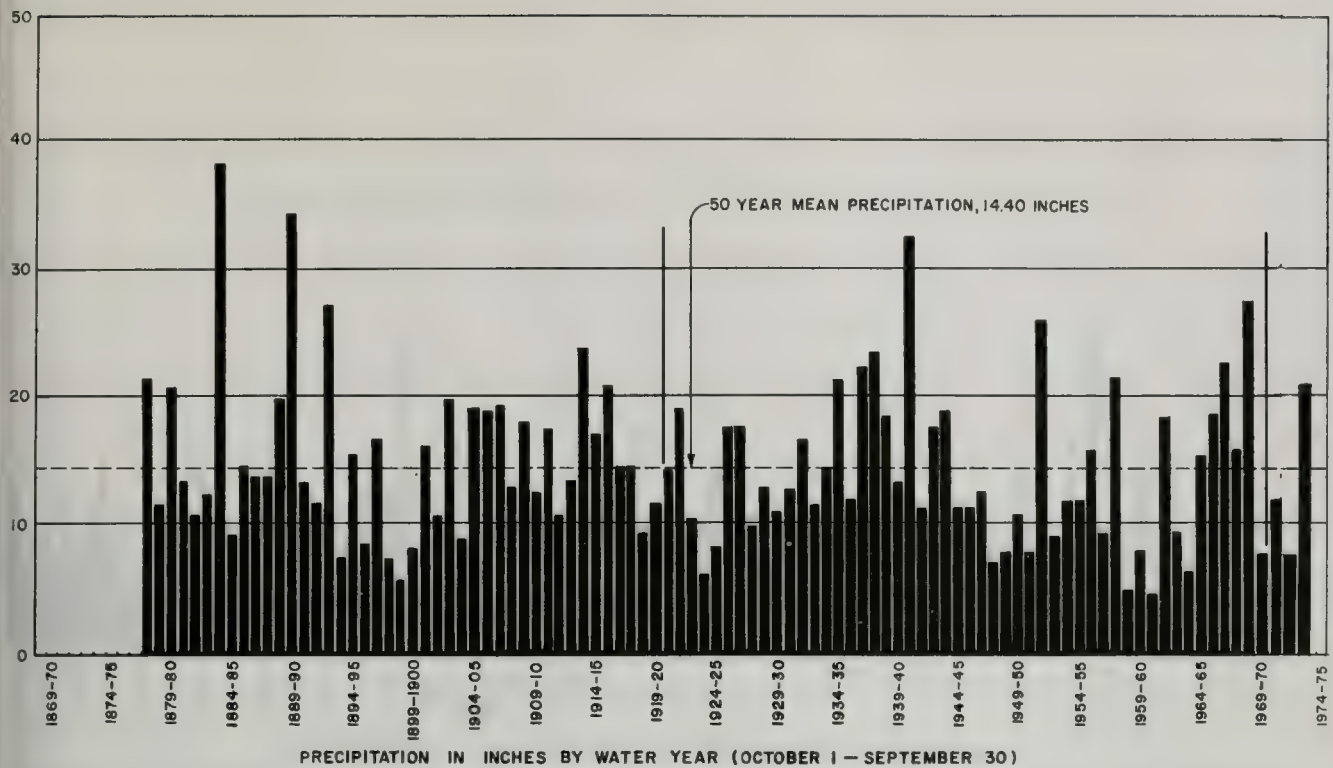
1. "Climatological Data - California"  
    "Hourly Precipitation Data - California"  
    "Storage Gage Precipitation Data for Western United States"  
    United States Department of Commerce, National Weather Service,  
    Environmental Data Service  
    The above publications are available from:  
    National Climatic Center, Federal Building, Ashville, NC 28801
2. "Bulletin No. 120, Water Conditions in California"  
    California Department of Water Resources
3. "Biennial Report on Hydrologic Data"  
    Los Angeles County Flood Control District
4. "Annual Hydrology Report"  
    Orange County Flood Control District
5. "Biennial Report, Hydrologic and Climatic Data"  
    San Bernardino County Flood Control District
6. "Hydrology Report"  
    San Diego County Department of Sanitation and Flood Control



FIGURE A-1

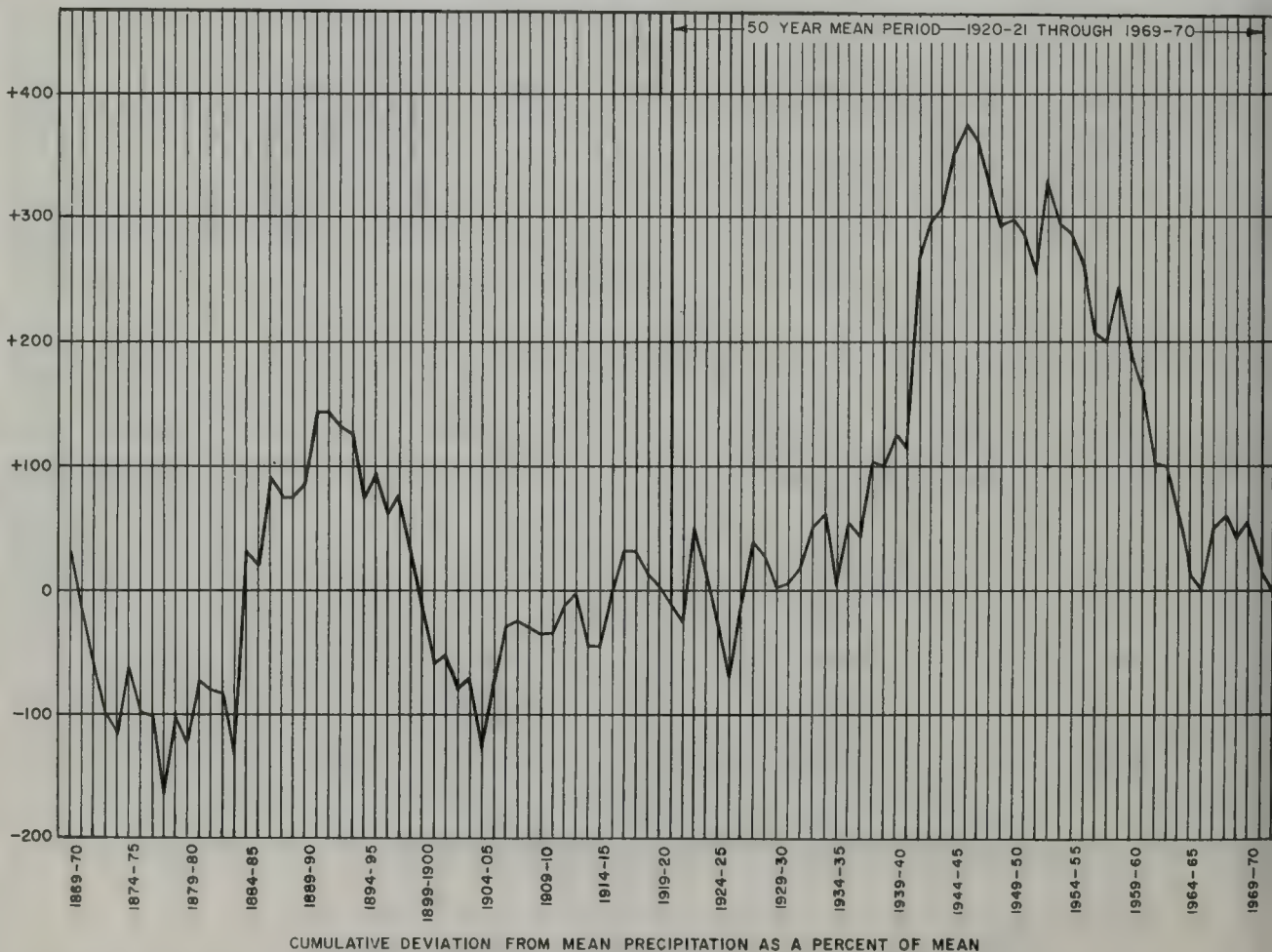
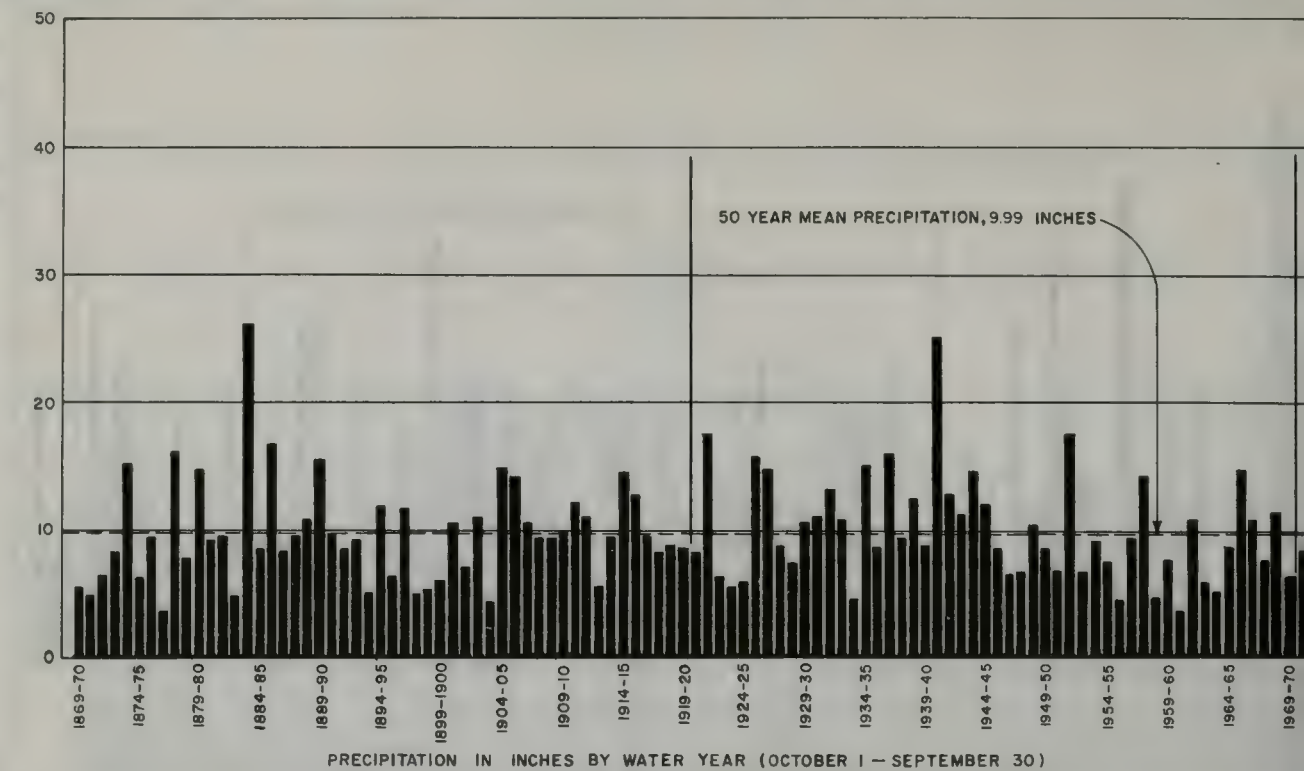


## REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN LUIS OBISPO

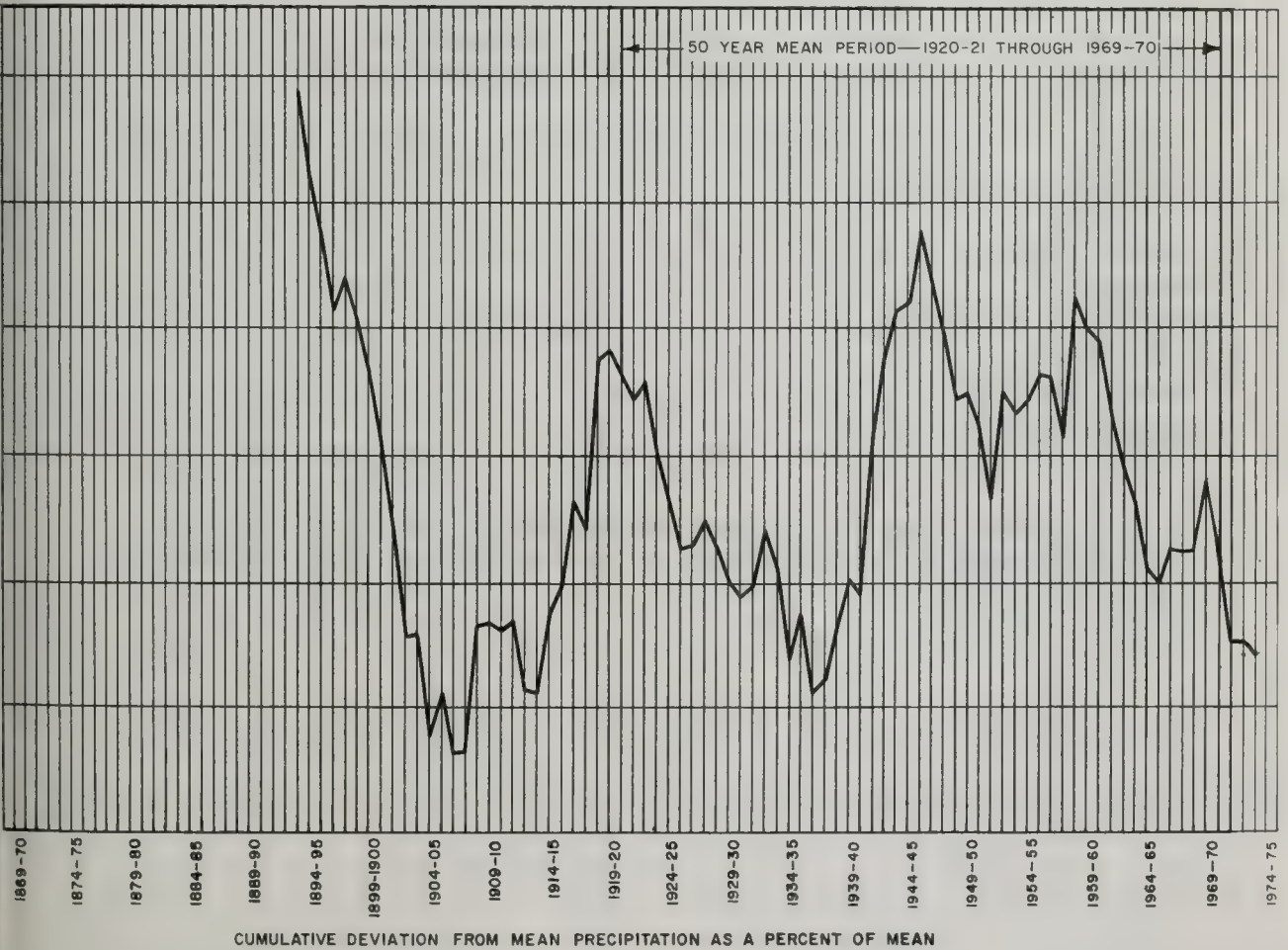
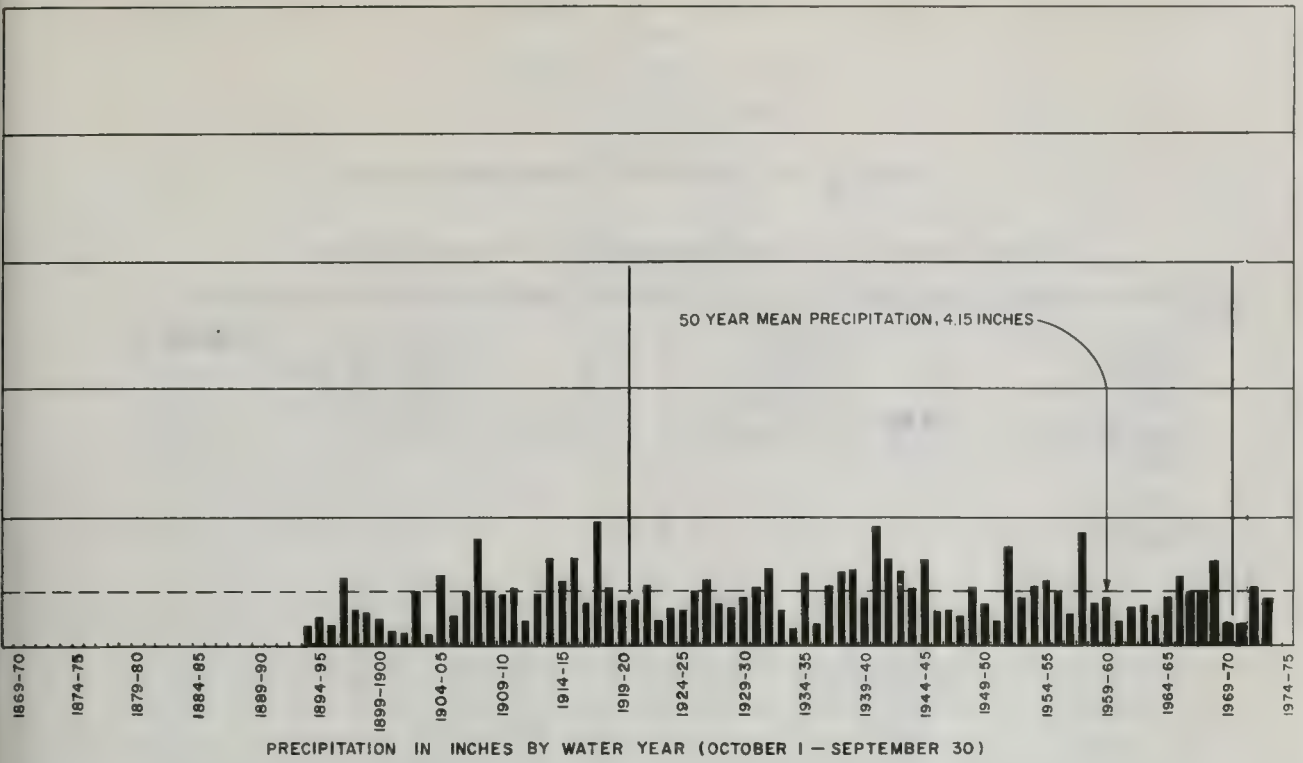


## REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR LOS ANGELES





## REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN DIEGO



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR BARSTOW



## TABLE A-1 MONTHLY PRECIPITATION

An explanation of the column headings and code symbols follows:

CO - This is a standard code for California counties and adjacent areas as shown below:

Imperial	13	Monterey	27	San Diego	<del>90</del> 91
Inyo	14	Orange	30	San Luis Obispo	40
Kern	15	Riverside	33	Santa Barbara	42
Los Angeles	<del>19</del> 70	San Bernardino	36	Ventura	56
Mono	26				

Lat - Latitude

Long - Longitude

### Data Entry

### Meaning

.00-	Data Missing
.00T	Trace of Rain
.00N	Record Ends
.00B	Record Begins
7 .42E	Estimated

For further information contact:

Mr. James D. Goodridge  
 Climatologist  
 Department of Water Resources  
 P. O. Box 388  
 Sacramento, CA 95802  
 Telephone Number: (916) 455-1993

Additional information on these and other stations as well as the County Code (CO) and station number can be found in Bulletin No. 165 "Climatological Stations in California 1971, Indexed by County".

TABLE A-1  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA  
WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES											
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973							
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG. SEPT.
70 U03001400	34.491	118.274	2929	ACTON ESCONCIDO CANY	10.35	.46	1.20	.94	1.70	3.90	2.15	.00	.00	.00	.00	.00
70 U03001403	34.450	118.197	2550	ACTON CAMP 2	9.24	.08	.85	.42	2.26	3.92	1.71	.00	.00	.00	.00	.00
70 U03001404	34.422	118.197	3100	ACTON-COLOMBO RCH	14.98	.00	2.13	.42	2.49	6.20	3.34	.00	.00	.00	.00	.00
70 U03001405	34.513	118.276	3250	ACTON HURHARD RCH	10.74	.91	1.07	1.11	1.56	3.65	2.36	.00	.00	.00	.00	.00
76 W00002400	34.589	117.413	2845	ADFLANTO	5.30	.36	.72	.27	.72	1.65	1.00	.00	.00	.00	.50	.00
90 X22004400	32.950	116.303	1400	AGUA CALIENTE SPRS-CO	4.65	.89	.54	.19	.68	1.15	.76	.00	.00	.00	.00	.00
70 U05005224	33.753	118.130	15	ALAMITOS FLY-LONG REAC	14.22	.10	3.48	1.27	2.94	4.45	1.94	.00	.00	.00	.00	.00
70 U05008450	34.062	118.194	400	ALCAZAR FLOOD CONTROL	22.10	.15	3.71	2.64	4.19	8.44	2.95	.00	.00	.00	.00	.00
70 U05009500	34.329	118.317	2330	ALDER CRK PARADISE	22.04	.00	2.17	2.30	2.87	11.03	3.51	.00	.09	.07	.00	.00
70 U05010202	34.094	118.128	485	ALHAMBRA-CITY HALL	24.13	.00	3.90	2.40	3.87	10.35	3.45	.03	.03	.02	.00	.00
70 U03010950	34.415	118.091	3920	ALISO CYN-WAGON WHEEL	17.68	.21	3.04	1.83	3.17	6.49	2.40	.00	.23	.00	.00	.00
70 U05011470	34.459	118.155	2900	ALISO CYN RUM RCH	9.43	.08	1.07	.54	1.87	3.90	2.05	.00	.00	.00	.00	.00
70 U05011500	34.314	118.556	2367	ALISO CANYON DAT MTN	24.93	.00	3.50	1.94	5.45	10.54	3.45	.00	.01	.00	.00	.00
42 T12012920	34.850	120.366	900	ALPINE RANCH	.00	.46	5.77	.00	5.11	6.54	3.55	.00	.00	.00	.00	.00
90 Z07013600	32.833	116.766	1740	ALPINE	20.07	1.73	2.61	2.87	3.42	3.15	5.59	.34	.21	.13	.00	.00
70 U05014400	34.181	118.137	1125	ALTARENA	27.09	.29	3.44	2.28	4.32	12.40	4.03	.11	.11	.12	.00	.00
70 U05014404	34.179	118.116	1186	ALTARENA GOLF	27.31	.09	3.43	2.17	4.89	12.54	3.87	.13	.05	.14	.00	.00
70 U05014580	33.994	117.991	845	ALTA MIRA RANCH	21.10	.42	4.22	2.22	2.71	8.44	3.05	.00	.02	.00	.00	.00
36 X10017600	34.566	115.780	635	AMBRO	.00	.45	.56	.00	.74	.00	.00	.00	.00	.00	.00	.00
56 U03017910	34.204	119.067	60	AMERICAN C SUGAR CO	15.93	.00	2.64	1.12	4.16	5.84	2.17	.00	.00	.00	.00	.00
70 U05020812	34.258	118.194	2800	ANGELES CREST HWY	32.52	.24	3.41	3.19	4.56	15.87	4.85	.00	.00	.00	.00	.00
33 Z02023500	33.555	116.674	3925	ANGELES-COF FIRE STATION	16.15E	1.58	2.31	3.27	1.86	3.41	3.35	.22	.11	.00	.00	.00
36 Z02024400	34.523	117.214	2935	APPLE VALLEY	5.00	.53	.71	.21	.69	1.63	1.77	.00	.00	.00	.00	.00
70 U05025102	34.158	118.033	611	ARCADIA PP 1	27.68	.24	3.62	2.09	4.18	12.55	4.83	.09	.03	.00	.00	.00
33 Y01026400	34.204	118.067	611	ARLINGTON	12.10	.25	1.88	1.35	2.70	3.64	2.63	.02	.00	.03	.00	.00
40 T10032000	35.123	120.573	105	ARROYO GRANDE-SLOCRO	25.25F	1.65	4.81	1.82	6.57	6.28	3.95	.04	.03	.03	.00	.00
70 U05032700	34.209	118.169	1220	ARROYO SECO R S	29.17	.19	4.36	2.24	4.47	13.09	4.97	.12	.08	.00	.00	.00
70 U05033111	33.863	118.082	52	ARTESIA	18.16	1.11	3.57	1.48	3.34	6.15	2.51	.00	.00	.00	.00	.00
70 U05033900	34.078	118.197	605	ASCOT COVERED RES	22.74	.19	3.65	2.50	4.25	8.94	3.16	.00	.01	.00	.00	.00
70 U06039500	33.350	119.333		AVALON PLEASURE PFR	17.14	.68	3.38	1.47	3.65	5.06	2.86	.00	.02	.02	.00	.00
70 U05041000	34.134	117.904	612	AZUSA CITY PARK	24.89	.85	3.35	2.19	4.34	9.94	4.17	.01	.00	.00	.00	.00
70 U05041001	34.132	117.492	615	AZUSA FOOTHILL RCH	24.10	1.02	3.26	2.24	4.50	8.90	4.05	.04	.05	.00	.00	.00
70 U05041002	34.110	117.880	620	AZUSA VALLEY WATER CO	21.17	1.27	2.75	2.24	4.18	7.15	3.53	.01	.00	.00	.00	.00
70 U05043100	34.173	118.040	1180	BATLEY DEBRTS DAM	30.33	.09	3.77	2.14	4.87	13.74	5.30	.12	.07	.23	.00	.00
36 W04036000	35.266	116.066	940	BAKER	6.77	.64	.65	.09	2.29	1.02	2.00	.00	.00	.00	.00	.00
70 U05045500	34.093	117.961	386	BALDWIN PARK	22.02	.34	3.39	2.27	3.81	8.89	3.29	.00	.03	.00	.00	.00
33 X19048900	33.928	116.475	2380	BANNING	19.57	.75	3.02	1.84	3.04	4.39	6.17	.14	.00	.05	.00	.00
56 U03049500	34.234	118.417	1630	BARD RESERVOIR	14.54	.34	1.90	1.03	3.45	5.91	1.91	.00	.00	.00	.00	.00
56 U03050611	34.365	118.944	400	BARDSDALE YOUNG RCH	25.24	1.88	4.27	1.84	6.03	9.47	2.59	.00	.00	.00	.00	.00
56 U02051311	34.441	119.220	800	BARRE H OJAI RCH	28.79	.09	4.32	.97	7.39	12.77	3.25	.00	.00	.00	.00	.00
90 Z11051400	32.679	116.670	1623	BARRETT DAM - SQU	21.75	2.44	3.40	2.94	2.51	3.78	6.35	.24	.09	.00	.00	.00
36 W05051900	34.900	117.016	2142	BARSTOW	4.12	.27	.69	.45	.27	.97	1.19	.07	.05	.00	.00	.00
70 W06056410	34.766	117.691	7880	BEAR GULCH	33.13	.70	3.70	2.12	5.39	12.03	7.25	.00	1.73	.00	.00	.00
33 Y02060600	33.933	116.966	2610	BEAUMONT	21.10	.70	3.20	2.11	3.00	5.30	6.30	.20	.10	.20	.00	.00
70 Y01060700	33.986	116.959	3045	BEAUMONT PUMPING PL (N	27.03	1.35	2.40	2.62	1.96	5.90	11.77	.34	.50	.15	.00	.00
33 Y01060900	33.933	116.950	2600	BEAUMONT 1 E	20.52	.60	3.05	2.04	3.38	4.74	6.49	.00	.10	.12	.00	.00
33 Y01060912	34.086	118.445	540	BEAUMONT F C STA	22.03	.78	3.20	2.17	3.64	4.80	6.88	.21	.21	.14	.00	.00
70 U05061900	34.086	118.445	540	BEL AIR HOTEL-FC 10	24.09	.39	4.13	1.98	5.08	9.13	3.84	.00	.00	.00	.00	.00
70 U05062440	34.189	118.654	945	BELL CANYON RUIRO FLAT	20.15	.11	3.15	1.33	3.94	9.19	2.43	.00	.00	.00	.00	.00
70 U05062460	34.189	118.654	945	BELL CANYON GULCH RANC	17.86	.04	2.64	.93	3.95	7.84	2.46	.00	.00	.00	.00	.00
70 U05062601	33.979	118.187	145	BELL FIRE STA	19.42	.11	4.13	2.36	3.91	6.46	2.45	.00	.00	.00	.00	.00
70 W06063000	34.422	118.232	2900	BELLVIEW	13.19	.13	1.52	1.03	2.26	4.94	3.27	.00	.00	.00	.00	.00
26 W03060840	37.833	118.483	5460	BENTON INSP STA	9.72	1.94	1.21	.02	2.85	1.90	.95	.05	.29	.24	.09	.00
33 X19069900	34.196	118.445	540	BERMUDA DUNES	2.66	.36	.74	.04	.11	.60	.58	.00	.00	.00	.00	.00
42 T12071900	34.916	120.516	155	BETTERAVIA	21.15	1.19	4.20	1.20	5.40	5.99	3.06	.00	.02	.00	.00	.00
70 U05072211	34.074	118.399	240	BEVERLY HILLS - CITY H	22.47	.39	4.02	1.91	4.46	8.57	2.92	.00	.00	.00	.00	.00
36 Y01074100	34.250	116.914	6750	BIG BEAR LAKE	29.05	.63	4.55	3.88	4.62	6.08	7.17	.13	.37	.00	.12	.00
70 U05075800	34.164	117.410	1575	BIG BALTON DAM	29.35	.53	3.85	2.47	4.79	12.24	5.22	.19	.18	.19	.00	.00
70 W06077900	34.779	117.591	4840	BIG PINES PARK	27.77	.60	3.17	1.84	4.62	10.29	6.19	.01	.90	.00	.00	.00
70 U05078501	34.184	118.019	1400	BIG SANTA ANITA DAM	34.72	.38	4.06	2.66	5.36	15.39	6.31	.09	.21	.22	.00	.00
70 U05079750	34.289	118.288	1525	BIG TUNJUNGA CVA-CAMP 1	21.47	.18	2.64	1.54	3.07	10.14	3.88	.00	.00	.02	.00	.00
70 U05079800	34.291	118.187	2315	BIG TUNJUNGA DAM	33.02	.71	3.90	2.28	5.02	16.38	4.68	.05	.00	.00	.00	.00
70 U05081800	34.189	118.504	724	BIRMINGHAM GEN HOSP	18.13	.05	2.38	.92	3.59	8.94	2.23	.00	.00	.00	.00	.00
26 W03081900	37.250	118.583	4150	RISHOP CREEK INTAKE	13.92	1.22	1.82	.42	3.80	2.94	2.20	.32	.54	.16	.00	.00
14 W03082200	37.366	118.366	4104	RISHOP WB AIRPORT	6.76	.90	.68	.01	3.02	1.59	.32	.00	.09	.14	.00	.00
56 U03087711	34.756	119.073	277	BLANCHARD INV CO	24.98	.37	4.54	1.15	6.33	9.77	2.82	.00	.00	.00	.00	.00
90 Z07088900	34.854	116.856	1000	BLOSSOM VALLEY	17.24	1.33	2.57	2.38	2.27	3.39	4.67	.31	.11	.16	.00	.00
33 X15092400	33.616	114.600	266	BLTYME	.00	2.17	.54	.00	.00	.00	.89	.00	.00	.00	.00	.00
33 X15092500	33.616	114.714	390	BLTYME 7 W	4.34	.20	.77	.38	.00	.05	.95	.00	.00	.00	.00	.00
33 X15092700	33.616	114.714	390	BLTYME CAA AIRPORT	4.83	1.89	.38	.03	.07	.96	1.12	.00	.00	.00	.00	.00
33 X15092705	33.616	114.714	390	BLTYME AIR BASE	5.38	2.44	.54	.05	.15	1.38	1.16	.00	.00	.00	.00	.00
15 W04097900	35.000	117.450	2455	BOMON	4.64	.03	.72	.34	1.00	1.66	.83	.02	.06	.00	.00	.00
90 X22093000	32.266	116.414	750	BORRERO DESERT PARK	6.83	.55	1.56	.65	.48	1.17	.80	.00	.00	.00	.00	.00
90 X22094601	33.208	116.408	750	BORRERO TURK CANYON	7.17	.66	1.84	.77	.52	1.85	1.43	.00	.00	.00	.00	.00



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

					PRECIPITATION IN INCHES												
CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
33 Y01130805	34.003	117.058	2400	CALIFSA	17.44	.74	2.47	1.54	3.04	4.16	4.81	.35	.23	.04	0.00	0.04	0.00
56 V03133600	34.205	119.012	123	CAMARILLO 2 SE	14.00	.10	2.08	1.24	3.40	4.83	1.95	.00	.00	.00	0.00	0.00	0.00
36 Y01136900	34.150	116.983	5770	CAMP ANGELUS	.00	1.70	4.30	3.60	.00	10.30	8.40	.40	.50	.00	0.00	1.50	0.00
14 W03140400	36.866	118.214	3930	CAMP INDEPENDENCE	49.71	1.92	6.16	2.86	5.35	25.83	7.46	.11	.02	.00	0.00	0.00	0.00
90 Z11142400	32.627	116.469	2630	CAMPO	17.56	1.87	2.60	2.55	1.70	3.13	5.24	.29	.09	.00	0.00	0.09	0.00
70 U05144000	34.238	117.860	1530	CAMP RINCON	39.12	.38	3.56	2.38	5.96	18.74	7.88	.02	.20	.00	0.00	0.00	0.00
56 V03147119	34.406	118.759	730	CAMULOS RANCH HDO	19.79	.04	2.39	.93	4.57	8.83	2.91	.00	.12	.00	0.00	0.00	0.00
56 V02147211	34.373	119.228	800	CANADA LARGA	27.53	.09	4.60	.99	6.73	11.82	3.38	.00	.00	.00	0.00	0.00	0.00
70 U05148400	34.181	118.572	794	CANOGA PARK PIERCE C	19.52	.10	2.94	.94	3.88	9.22	2.37	.00	.00	.00	0.00	0.02	0.00
15 W05148800	35.300	117.966	2010	CANTIL	4.84	.05	.90	.20	.50	2.01	.76	.04	.38	.00	0.00	0.00	0.00
30 U05151800	33.933	117.781	1625	CARBON CANYON GILMAN	.00	.32	3.55	2.04	.00	4.56	3.23	.00	.07	.00	0.00	0.00	0.00
30 U05152000	33.950	117.800	1175	CARBON CANYON WORKMAN	17.64	.92	3.30	1.89	3.10	5.30	3.13	.00	.00	.00	0.00	0.00	0.00
42 T15154000	34.400	119.483	385	CARPINTERIA RESERVOIR	.00	.40	4.10	.80	6.20	9.50	2.80	.00	.00	.00	0.10	0.10	0.00
42 T15154801	34.393	119.519	10	CARPINTERIA	23.73	.26	4.44	.75	6.04	9.55	2.69	.00	.00	.00	0.00	0.00	0.00
90 Z01155775	33.444	117.415	2365	CASE SPRING-CAMP PENDL	25.53	.55	3.79	3.64	4.24	6.81	5.92	.23	.23	.00	0.00	0.00	0.12
56 V02155800	34.366	119.333	369	CASITAS DAM	33.35	.26	6.31	1.23	8.94	14.86	1.75	.00	.00	.00	0.00	0.00	0.00
56 V02155900	34.400	119.300		CASITAS RESERVOIR	34.55	.13	6.15	1.20	9.14	14.17	3.16	.00	.00	.00	0.00	0.00	0.00
33 X19158705				CATHEDRAL CITY F.C.S.	3.62	.20	1.13	.36	.49	.95	.49	.00	.00	.00	0.00	0.00	0.00
70 V05161301	34.355	117.876	6780	CEDAR SPRINGS-CON CAMP	34.55	.77	4.04	2.71	5.12	14.42	7.00	.30	.19	.00	0.00	0.00	0.00
70 U05168000	34.266	118.605	957	CHATS WORTH F C 24 N	20.80	.06	3.22	1.27	4.56	8.72	3.02	.00	.00	.00	0.00	0.00	0.00
70 U05168200	34.226	118.616	912	CHATS WORTH RESERVOIR	18.55	.30	2.71	1.19	4.13	7.46	2.76	.00	.00	.00	0.00	0.00	0.00
70 U05168211	34.277	118.603	1254	CHATS WORTH PAT STA	20.58	.14	3.23	1.33	4.87	8.35	2.66	.00	.00	.00	0.00	0.00	0.00
33 Y01169801	33.987	116.967	3050	CHATS WORTH PAT STA	24.64	1.16	2.69	2.23	3.85	5.52	8.35	.36	.36	.07	0.00	0.03	0.02
70 W05172401	34.317	118.008	5275	CHILAO HMS	26.89	.36	3.45	1.83	3.55	12.90	4.64	.08	.06	.00	0.00	0.02	0.00
70 V05172500	34.326	118.031	5250	CHILAO RANGER STA	21.34	.21	2.88	1.40	3.21	10.69	2.82	.00	.00	.00	0.13	0.00	0.00
40 T09174300	35.683	120.200	1975	CHOLLAS HATCH RANCH	14.12	.23	2.70	.43	4.21	4.58	1.95	.02	.00	.00	0.00	0.00	0.00
70 Z08174700	32.733	117.050	400	CHOLLAS RESERVOIR	14.21	.85	2.51	1.91	3.20	2.67	2.83	.24	.00	.00	0.00	0.00	0.00
90 Z10175800	32.600	117.100	9	CHULA VISTA	9.91	.80	1.37	1.33	1.73	1.83	2.58	.23	.04	.00	0.00	0.00	0.00
70 Z09175820	32.640	117.086	60	CHULA VISTA FIRE DEPT	9.32	.73	1.93	1.26	2.10	1.49	1.72	.09	.00	.00	0.00	0.00	0.00
70 Y01177701	34.095	117.715	1180	CLAREMONT FIRE STA	18.99	.50	2.53	2.54	3.03	6.28	4.10	.00	.00	.00	0.01	0.00	0.00
70 U05177702	34.122	117.719	1403	CLAREMONT INDIAN HILL	21.94	.33	2.58	2.40	4.20	7.72	4.62	.09	.00	.00	0.00	0.00	0.00
70 Y05177703	34.126	117.731	1350	CLAREMONT SLAUGHTER	21.91	.45	2.37	2.33	4.15	7.94	4.88	.10	.07	.02	0.00	0.00	0.00
70 Y01177900	34.096	117.709	1201	CLAREMONT POMONA COL	19.25	.40	2.40	2.46	3.99	5.94	4.06	.00	.00	.00	0.00	0.00	0.00
70 U05179811	34.277	118.170	3200	CLEAR CREEK SCHOOL	38.68	.76	4.27	3.42	5.23	19.55	5.32	.13	.00	.00	0.00	0.00	0.00
70 U05188300	34.243	117.960	2330	COBBSWELL DAM	44.86	1.37	5.86	2.46	8.37	20.82	7.07	.00	.17	.08	0.00	0.00	0.00
70 U05189600	34.300	118.110	3675	COLBY FC 530	32.74	.40	4.39	2.24	4.24	16.40	5.07	.00	.00	.00	0.00	0.00	0.00
70 U05189705	34.290	117.840	3280	COLORADO RANGER STAT	33.68	.51	4.02	1.83	4.99	15.58	6.60	.05	.00	.00	0.10	0.00	0.00
70 U05190601	34.263	117.710	3865	COLDWATER CANYON	34.12	.40	3.62	2.28	5.98	15.12	6.32	.11	.09	.00	0.00	0.00	0.00
70 U05195403	33.840	118.219	32	COMPTON-AMER REET SUBA	19.40	.35	5.33	1.91	3.57	5.81	2.43	.00	.00	.00	0.00	0.00	0.00
70 U05198201	34.264	118.253	3400	COOKS CANYON	24.27	.10	2.82	1.47	3.86	12.23	3.79	.00	.00	.00	0.00	0.00	0.00
70 U05198702	34.216	118.166	1825	COON CANYON 2	27.98	.17	3.35	2.39	4.15	13.42	4.59	.00	.00	.00	0.00	0.00	0.00
70 U05198705	34.221	118.161	2207	COON CANYON 5	26.52	.20	3.21	2.36	4.04	12.41	4.30	.00	.00	.00	0.00	0.00	0.00
70 U05198706	34.212	118.170	1268	COON CANYON 6	27.94	.17	3.55	2.37	4.22	13.14	4.49	.00	.00	.00	0.00	0.00	0.00
33 Y01203100	33.874	117.566	710	CORONA-USNR-COR FIRE D	15.62	.39	2.21	2.02	2.53	4.81	3.62	.00	.00	.00	0.00	0.00	0.00
33 Y01203135	33.873	117.583	730	CORONA FOOTMILL LEMON	11.28	.28	1.76	1.21	2.20	3.13	2.70	.00	.00	.00	0.00	0.00	0.00
33 Y01203302	33.837	117.544	1050	CORONA SOUTH-BARNES W	14.45	.36	2.36	1.64	2.88	4.40	2.81	.00	.00	.00	0.00	0.00	0.00
33 Y01203401	33.881	117.562	698	CORONA FIRE DEPT	13.47	.35	2.13	1.71	2.13	4.23	2.91	.01	.00	.00	0.00	0.00	0.00
33 Y01203421	33.843	117.576	1050	CORONA LEMON CO 1	17.93	.36	3.31	2.08	3.13	5.20	3.85	.00	.00	.00	0.00	0.00	0.00
33 Y01203422	33.830	117.577	1225	CORONA LEMON CO 2	20.68	.31	3.01	2.76	3.66	6.37	4.57	.00	.00	.00	0.00	0.00	0.00
33 Y01203423	33.863	117.591	850	CORONA LEMON CO 3	17.09	.34	2.47	2.22	2.74	5.50	3.82	.00	.00	.00	0.00	0.00	0.00
33 Y01203460	33.872	117.565	680	CORONA-TEMECAL WATER	17.80	.50	2.65	2.07	2.80	5.95	3.83	.00	.00	.00	0.00	0.00	0.00
90 Z10204020	32.691	117.172	27	COPONADO-PURCELL	11.69	.85	2.80	1.49	1.66	2.28	2.50	.11	.00	.00	0.00	0.00	0.00
70 U05208915	34.083	117.899	508	COVINA SEWAGE PLANT	19.30	.51	2.46	2.40	4.04	6.72	3.17	.00	.00	.00	0.00	0.00	0.00
70 U05209000	34.082	117.874	575	COVINA TEMPLE FC 193	21.06	.58	2.92	2.39	4.11	7.21	3.84	.01	.00	.00	0.00	0.00	0.00
90 X22213900	32.891	116.274	1500	CRAWFORD RANCH	.00	.64	.37	.25	.27	.89	.61	.00	.00	.00	0.00	0.00	0.00
36 W02216400	34.250	117.250	4900	CRESTLINE FIRE STA 2	.00	1.70	7.10	4.88	.00	20.18	.00	.00	.00	.00	0.00	0.00	0.00
70 U05219800	34.316	117.841	5370	CRYSTAL LAKE FC 283C	40.96	.66	4.37	2.31	5.16	19.38	8.56	.21	.11	.00	0.00	0.20	0.00
70 U05219900	34.327	117.836	5770	CRYSTAL LAKE FC 283B	40.96	.66	4.37	2.31	5.16	19.39	8.56	.21	.11	.00	0.00	0.20	0.00
70 U05221400	34.021	118.394	106	CULVER CITY-FIRE STAT	17.76	.60	3.55	2.08	3.73	5.57	2.23	.00	.00	.00	0.00	0.00	0.00
42 T12223600	34.933	119.616	2240	CUYAMA	.00	.29	1.26	.43	1.30	1.52	1.54	.00	.00	.00	0.00	0.00	0.00
90 Z07223900	32.988	116.587	4650	CUYAMACA - HELIX I.D.	52.10	.415	7.02	6.02	7.57								

# TABLE A-1 (CONT)

## MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

					PRECIPITATION IN INCHES												
CO. STA.NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
90 Z07270900	32.883	116.416	600	EL CAPITAN DAM	18.94	1.81	2.90	2.33	2.26	3.54	5.74	.20	.14	.04	.00	.02	0.00
13 X22271300	32.766	115.566	300	EL CFNTRIO P SSW	.00	1.86	.36	.00	.29	.00	.00	.00	.00	.00	.00	.00	0.00
33 Y01271700	33.824	117.509	800	EL CERRITO-CDF FIRE ST	13.26	.40	2.14	1.33	2.65	4.14	2.57	.00	.00	.02	.00	.01	0.00
70 U03273500	34.607	118.541	2075	ELIZABETH LK C-RANTUM	26.74	.00	.61	1.07	5.01	12.18	3.74	.07	.06	.00	.00	.00	0.00
26 W01275600	37.936	119.232	9600	ELFRY LAKE	20.76	1.12	2.90	3.30	3.84	4.08	1.94	.48	1.06	.64	.05	.88	0.04
36 W02777100	34.600	117.600	2910	EL MIRAGE FIELD	.00	.08	.91	.22	.69	.00	1.44	.00	.60	.00	.00	.78	0.00
30 Y01277500	33.800	117.783	464	EL MODENA	16.55	.15	3.27	1.97	2.89	5.16	3.11	.00	.00	.00	.00	.00	0.00
70 U05277901	34.074	118.041	275	EL MONTE FIRE STA	21.24	.19	3.66	2.41	4.17	7.61	3.35	.00	.00	.00	.00	.00	0.00
70 U05278001	34.221	118.155	150	EL PRIETO CANYON	28.52	.42	3.43	2.45	4.22	13.61	4.39	.00	.00	.00	.00	.00	0.00
70 U05280000	33.915	118.417	150	EL SEGUNDO-STO OIL CO	17.20	.36	3.35	1.77	3.26	4.99	3.31	.00	.00	.00	.00	.00	0.00
33 Y02280500	33.669	117.331	1285	ELSHORE - CDF FIRE ST	10.33	.78	.60	.80	2.73	3.09	2.31	.02	.00	.00	.00	.00	0.00
33 Y02281250	33.675	117.177	1265	FLSINOWE STATE PK + RE	17.53	1.39	2.42	1.86	3.12	5.10	3.51	.04	.00	.00	.00	.00	0.00
70 U05282311	34.081	118.239	700	ELYSIAN PARK FS	19.02	.20	2.80	2.00	3.95	7.52	2.55	.00	.00	.00	.00	.00	0.00
70 U05283011	34.149	118.515	1000	ENCINO RESERVOIR	24.58	.00	3.57	1.18	5.12	11.79	2.89	.00	.00	.00	.00	.00	0.00
90 Z07283310	33.041	117.274		ENCINITAS CO RD STA	10.15E	.38	2.28	1.01	1.50	1.96	2.97	.05	.00	.00	.00	.00	0.00
70 U05283550	34.156	117.944	1310	ENGLEWOOD DEBPTS BASIN	25.22	.51	3.17	2.33	4.45	9.73	4.64	.10	.07	.12	.00	.00	0.00
90 Z04284001	33.211	117.700	750	E RESERVOIR - VISTA I.	17.85E	.92	3.45	2.12	2.84	3.67	4.85	.00	.00	.00	.00	.00	0.00
90 Z04286200	33.119	117.076	665	ESCONDIDO (1A) - TING	16.99	.87	2.89	2.15	2.92	2.91	4.82	.34	.05	.01	.00	.00	0.00
90 Z04286300	33.120	117.088	600	ESCONDIDO NO 2 - FIRE	7.29E	.80	3.00			.32	.50	.04	.03	.00	.00	.00	0.00
70 U04286701	34.048	118.773	1050	ESCONDIDO CYN-PA-S-MAL	23.22	.03	3.46	2.63	4.47	9.35	3.68	.00	.00	.00	.00	.00	0.00
36 Y01289500	34.125	117.524	1390	ETIWAHA	22.22	.26	3.08	2.41	3.53	7.94	4.74	.06	.16	.00	.00	.00	0.00
90 Z09290650	32.759	117.000		EUCALYPTUS COUNTY PK	15.05	1.07	2.40	2.22	2.23	2.83	3.69	.47	.09	.00	.00	.00	0.00
70 U04294100	34.704	118.427	3060	FAIRMOUT RESERVOIR-LAW	18.13	.17	2.55	1.01	2.80	8.51	2.82	.20	.00	.00	.00	.00	0.00
70 U05294000	34.204	118.139	1585	FAIR OAKS DER-BN-ALTAO	27.82	.10	3.28	2.21	4.38	12.91	4.32	.24	.07	.31	.00	.00	0.00
90 Z03295800	33.364	117.244	660	FALLBROOK-MS-F-C-R	18.48	.50	3.40	2.30	3.60	4.40	4.30	.10	.10	.00	.00	.00	0.00
90 Z03295820	33.363	117.244	684	FALLBROOK FIRE STATION	17.14	.41	3.05	1.96	2.24	5.26	4.05	.04	.11	.00	.00	.00	0.00
70 U05296111	34.301	117.838	4010	FALLING SPRINGS	40.51	.84	3.75	1.90	5.46	20.52	7.73	.31	.00	.00	.00	.00	0.00
42 T14304800	34.736	120.005	3200	FERNDALE RANCH-SANTA P	30.89	.40	4.55	.88	5.85	15.25	3.74	.22	.00	.00	.00	.00	0.00
56 U03305000	34.403	118.925	435	FILLMORE 1 WND	24.84	1.43	4.14	1.17	6.18	9.20	2.72	.00	.00	.00	.00	.00	0.00
56 U03305013	34.393	118.984	470	FILLMORE FISH HATCH	22.71	.66	3.98	1.04	5.75	8.69	2.56	.02	.01	.00	.00	.00	0.00
70 U05309100	34.182	118.916	1345	FLINTRIDGE F S	27.25	.28	3.52	2.32	4.44	11.93	4.56	.05	.11	.00	.00	.00	0.00
70 Y01311800	34.182	117.442	1972	FONTANA S W	29.44	.42	3.67	3.15	4.62	8.96	7.94	.34	.33	.01	.00	.00	0.00
36 Y01312000	34.083	117.500	1090	FONTANA KAISER	18.42	.20	2.70	2.08	3.20	5.55	4.27	.00	.00	.00	.00	.00	0.00
70 U05328500	33.900	117.883	340	FULLERTON DAM	16.46	.32	3.65	1.88	3.02	4.79	2.88	.00	.00	.00	.00	.00	0.00
30 U05328800	33.866	117.903	340	FULLERTON HILLCROST RF	18.89	.81	4.22	1.67	2.99	5.51	3.68	.00	.00	.00	.00	.00	0.00
33 Z07334040	33.451	117.324	465	GARNSAY	26.11	.30	4.69	3.11	4.92	7.41	5.68	.00	.00	.00	.00	.00	0.00
26 Y01336900	37.751	119.133	8970	GEM LAKE	19.82	1.52	2.96	1.82	3.26	6.10	1.98	.52	.50	.12	.00	.00	0.00
42 T14340200	34.523	119.688	1550	GIRALTAR DAM 2	38.16	.46	8.10	1.06	8.38	14.89	4.27	.00	.00	.00	.00	.00	0.00
90 Z07341000	32.816	116.966	370	GILLESPIE FIELD	13.16	1.30	2.41	1.43	1.68	2.89	3.29	.12	.04	.00	.00	.00	0.00
33 Y02341450	33.834	116.987	1500	GILMAN HOT SPRINGS-VIF	14.67	.62	2.49	1.44	2.46	4.19	3.45	.03	.00	.00	.00	.00	0.00
70 U05343011	34.151	118.409	986	GIRARD RESERVOIR	25.31	.11	3.47	1.03	5.05	12.58	3.06	.00	.00	.00	.00	.00	0.00
33 Y01343820	34.121	117.884	253	GLEN AVON FIRE DEPT	15.02	.29	2.53	1.72	2.76	4.52	3.17	.00	.00	.00	.00	.00	0.00
70 U05345001	34.165	118.251	615	GLENDALE-JONES	22.52	.15	3.01	1.89	3.76	9.91	3.77	.03	.00	.00	.00	.00	0.00
70 U05345002	34.150	118.240	603	GLENDALE-MCINTYRE	22.61	.11	3.10	2.05	3.79	9.88	3.62	.00	.00	.00	.00	.00	0.00
70 U05345200	34.139	117.859	822	GLENDORA WEST FC 185	24.30	.66	2.96	2.71	4.53	9.31	4.38	.11	.02	.02	.00	.00	0.00
70 U05345202	34.156	117.849	1165	GLENDORA-ENGLEWLD RCH	25.00	.56	3.28	2.34	4.76	9.84	4.43	.10	.15	.07	.00	.00	0.00
70 U05345203	34.139	117.865	782	GLENDORA-MICO	24.57	.84	2.95	2.33	4.76	9.17	4.40	.04	.04	.00	.00	.00	0.00
70 U05345204	34.132	117.819	960	GLENDORA-WARREN	22.39	.62	2.68	2.33	4.39	8.11	4.26	.00	.00	.00	.00	.00	0.00
33 Y01345811	33.765	117.487	1100	GLEN IVY	19.07	.31	3.50	1.55	3.53	6.24	3.94	.00	.00	.00	.00	.00	0.00
13 Z03489900	32.883	116.966	405	GOLD ROCK RANCH	4.31	1.95	.43	.00	.00	.00	.93	.00	.00	.00	.00	.00	0.00
42 T15349400	34.450	119.833	40	GOLTA ALFSEN	26.06	.31	7.61	.88	6.84	8.27	2.87	.02	.03	.02	.00	.00	0.00
42 T15349444	34.433	119.783	60	GOLTA RYSON	25.10	.10	6.57	.55	6.25	9.11	2.52	.00	.00	.00	.00	.00	0.00
70 U03351111	34.787	118.831	3680	GORMAN-DEWEY PALPH	15.34	.00	3.87	.34	2.28	5.43	3.22	.20	.00	.00	.00	.00	0.00
70 U05353500	34.285	118.514	1280	GRANADA HILLS-STRATHAU	21.55	.40	2.59	1.92	4.22	9.40	3.35	.03	.00	.00	.00	.00	0.00
70 U05357620	34.176	117.721	7350	GRASSY HOLLOW	19.38	.41	2.17	1.25	3.17	7.04	4.25	.01	.96	.00	.00	.00	0.00
70 U05366303	34.121	118.284	850	GRIFFITH PK NURSERY	21.35	.10	3.41	2.49	3.31	8.47	2.57	.00	.00	.00	.00	.00	0.00
70 U05366308	34.119	118.165	750	GRIFFITH FERN DELL	21.11	.00	3.10	2.00	4.03	8.52	3.40	.00	.00	.00	.00	.00	0.00
70 U05366309	34.124	118.283	900	GRIFFITH LTY CN	22.23	.05	3.25	2.30	4.14	8.93	3.55	.00	.00	.00	.00	.00	0.00
70 U05366312	34.133	118.289	600	GRIFFITH LWR SPRING	23.40	.01	3.30	2.30	4.45	9.60	3.65	.00	.00	.00	.00	.00	0.00
70 U05366620	34.334	117.649	8125	GUFFY CAMP	33.35	.85	3.73	2.25	4.89	11.82	8.29	.00	1.42	.00	.00	.00	0.00
70 U05369990	33.979	117.973	585	HACIENDA HEIGHTS	19.81	.64	3.10	2.03	3.88	6.84	3.22	.00	.00	.00	.00	.00	0.00
70 U05370300	34.263	118.270	2450	HAINES CANYON LOWER	27.63	.40	3.14	1.78	4.54	12.85	4.80	.02	.00	.10	.00	.00	0.00
70 U05370400	34.271																



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES												
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
33 X1941951	33.866	116.747	3600	HIGHLEY FLAT	27.18	1.15	4.07	3.57	4.01	6.14	8.01	.03	.03	.00	0.00	0.15	0.00
33 Y0742110	33.746	116.713	5397	IDYLLWILD-FIRE DEPT (R)	28.59	.74	3.64	4.57	4.16	6.16	7.87	.47	.31	.00	0.00	0.61	0.00
13 X2342230	32.850	115.566	-66	IMPERIAL	3.35	1.71	.45	.00	.03	.54	.31	.00	.00	.00	0.00	0.27	0.00
13 X2342240	32.833	115.566	-60	IMPERIAL FAA AP	3.60	1.86	.43	.00	.05	.63	.36	.00	.00	.00	0.00	0.27	0.00
14 W03423200	36.801	118.185	3950	INDEPENDENCE-LAW+P OFF	7.52	.21	1.23	.44	2.86	1.62	.44	.00	.30	.00	0.04	0.38	0.00
33 X1942581	33.713	116.223	8	INDIO	2.35	.64	1.05	.03	.08	.17	.34	.00	.00	.00	0.00	0.00	0.00
33 X1942590	33.733	116.250	11	INDIO US DATE GARDEN	2.13	.46	.66	.00	.07	.58	.34	.00	.00	.00	0.00	0.00	0.00
70 U05426011	33.965	118.354	135	INGLEWOOD - FIRE STATI	18.39	.64	3.55	2.41	3.38	5.52	2.90	.00	.00	.00	0.00	0.00	0.00
15 W24427800	35.650	117.414	2440	INYOKEH	4.24	.06	1.60	.09	.00	1.52	.34	.00	.50	.00	0.00	0.13	0.00
15 W24428000	35.683	117.683	2218	INYOKEH ARMITAGE	3.76	.07	1.13	.04	.43	1.19	.38	.00	.20	.00	0.03	0.29	0.00
36 X12429700	34.133	115.133	922	IRON MOUNTAIN	2.37	1.26	.35	.00	.13	.33	.28	.00	.00	.00	0.00	0.02	0.00
70 W24431150	34.757	117.451	4700	ISLIP SADDLES	38.15	1.06	4.25	2.25	5.50	13.68	6.94	.28	.05	.09	0.00	0.06	0.00
90 X22433400	32.433	116.200	2900	JACUMBA	10.40	1.78	1.40	1.94	1.03	2.35	2.56	.10	.00	.00	0.00	0.00	0.00
70 X04440500	34.138	116.208	2730	JOSHUA TREE	7.70	1.21	1.46	.22	.41	2.23	1.51	.00	.00	.00	0.00	0.00	0.00
90 X22441210	33.070	116.590	4250	JULIAN - BINCH	30.47	2.62	5.48	4.14	4.23	5.07	8.16	.62	.29	.36	0.00	0.00	0.00
90 Z07441800	33.092	116.645	3655	JULIAN (WYNOLA)-VILITE	31.00	2.23	5.26	3.97	4.02	5.76	4.52	.71	.34	.04	0.00	0.15	0.00
42 T14442200	34.483	119.516	2060	JUMCAL DAM	44.40	.29	8.74	1.07	8.83	20.79	4.88	.00	.00	.00	0.00	0.00	0.00
33 Y04443100	34.227	118.211	2020	JUNIPER FLATS	15.06	.63	2.61	1.47	2.43	3.95	3.40	.03	.00	.05	0.00	0.07	0.02
70 U05444011	34.295	118.374	1430	KAGEL CANYON P S	20.59	.23	2.37	1.87	3.31	9.24	3.54	.00	.00	.02	0.00	0.01	0.00
36 X05444700	34.166	116.533	4325	KEE RANCH	8.84	.17	2.34	.44	.71	2.40	2.76	.00	.00	.00	0.00	0.00	0.00
70 U054462101	34.203	118.194	1270	LA CANADA	29.87	.42	2.81	3.01	5.37	12.43	5.36	.00	.03	.02	0.00	0.00	0.00
70 U054462111	34.197	118.184	1155	LA CANADA AGRIC SEC	27.49	.26	3.57	2.50	4.34	12.65	4.57	.00	.00	.00	0.00	0.00	0.00
70 U054462135	34.227	118.211	2020	LA CANADA IRRIGATION D	30.83	.16	3.93	2.79	4.47	13.52	4.94	.21	.22	.17	0.00	0.00	0.00
70 U054462800	34.221	118.236	1555	LA CRISSENTA-L.C.V.W.D	29.19	.17	3.51	2.61	4.73	13.03	5.01	.09	.04	.00	0.00	0.00	0.00
30 Z01444700	33.466	117.780	35	LARIJA REACH-SEWAGE DI	16.73	.38	3.62	1.14	3.57	4.00	3.57	.16	.10	.05	0.00	0.00	0.00
70 U054464711	33.976	118.146	140	LAGUNA BELL SS	18.76	.08	3.50	2.10	3.91	6.00	2.67	.00	.00	.00	0.00	0.00	0.00
30 Z01446500	33.550	117.900	210	LAGUNA BEACH 2-L.R.WAT	.00-	.50	2.90	1.00	.00-	3.90	2.50	.00	.10	.00	0.00	0.00	0.00
36 W24467100	34.250	117.200	5250	LAKE ARROWHEAD	45.88	1.37	6.83	4.95	7.39	13.96	10.58	.22	.53	.00	0.00	0.05	0.00
33 Y01468511	33.637	117.344	1325	LAKE AND VILLAGE	16.33	.28	2.95	1.75	3.16	4.54	3.55	.02	.00	.02	0.00	0.00	0.02
33 Y01468951	33.843	117.444	1375	LAKE MATHEWS 1	9.17	.13	1.44	.75	1.69	2.77	2.30	.00	.00	.00	0.00	0.00	0.00
33 Y01468952	33.840	117.384	1440	LAKE MATHEWS 2	9.41	.31	1.59	.80	1.44	2.74	2.31	.01	.00	.00	0.00	0.00	0.00
33 Y01468953	33.846	117.454	3160	LAKE MATHEWS 3	10.88	.34	1.62	.92	2.11	3.40	2.49	.00	.00	.00	0.00	0.00	0.00
56 W04470611	34.150	118.800	1040	LAKE SHERWOOD	23.38	.35	3.62	1.12	5.35	8.89	4.05	.00	.00	.00	0.00	0.00	0.00
90 Z07471000	32.459	116.883	692	LAKEVIEW 2	17.11	.08	2.71	2.23	2.02	3.71	4.84	.18	.12	.10	0.00	0.12	0.00
90 Z04472600	33.174	116.998	1500	LAKE WOHLFORD - E.M.W.	8.27	.00	4.20	2.60	.32	.39	.65	.08	.02	.01	0.00	0.00	0.00
70 U05473211	33.887	118.015	86	LA MIRADA	17.90	.39	3.92	1.77	3.21	5.73	3.88	.00	.00	.00	0.00	0.00	0.00
90 Z04474500	32.766	117.014	528	LA MESA	15.47	1.10	2.52	2.21	2.14	3.38	2.77	.29	.06	.00	0.00	0.00	0.00
70 W24474720	34.682	118.134	2395	LANCASTER HMS	6.04	.00	1.10	.23	.44	2.61	1.26	.00	.00	.00	0.00	0.00	0.00
70 U05474921	34.194	118.388	717	LANKERSHIM P P	20.75	.03	2.59	1.58	3.75	9.43	3.29	.02	.00	.00	0.00	0.00	0.00
40 Y04476700	35.393	120.166	1550	LA PANZA RANCH	.00-	.73	2.06	.42	3.69	.00-	.00-	.00-	.00	.00	0.00	0.00	0.00
70 U04480311	34.066	118.638	145	LAS FLORES CANYON	14.88	.05	3.53	1.94	4.21	6.52	2.61	.00	.00	.00	0.00	0.00	0.00
33 Y01481411	33.918	117.488	714	LA SIERRA F S	12.02	.29	1.72	1.30	2.67	3.39	2.65	.00	.00	.00	0.00	0.00	0.00
70 U04482700	34.093	118.814	1700	LATIGO CANYON BEACH	34.63	.63	5.43	.80	7.94	14.21	6.24	.05	.10	.00	0.00	0.00	0.00
70 U05483911	34.100	117.769	1050	LA VERNE-POLICE DEPT	22.00	.95	2.64	2.50	4.28	7.13	4.49	.01	.00	.00	0.00	0.00	0.00
70 U05484000	34.116	117.750	1235	LA VERN HTS FC 568	22.12	.63	2.59	2.56	4.26	7.64	4.35	.07	.02	.00	0.00	0.00	0.00
70 U04486700	34.077	118.879	1600	LECHUZA PATROL STN	26.51	.20	5.10	1.24	6.21	9.77	3.99	.00	.00	.00	0.00	0.00	0.00
33 X19488211	33.669	116.702	90	LA QUINTA F S	2.15	.34	.77	.06	.05	.48	.45	.00	.00	.00	0.00	0.00	0.00
90 Z04489105	32.737	117.029	90	LEMON GROVE FIRE DEP	13.62	1.07	2.70	.00	2.60	3.40	3.38	.39	.05	.03	0.00	0.00	0.00
70 W24490401	34.610	118.281	3125	LEONIS VALLEY	11.67	.09	1.49	.40	2.60	3.75	3.54	.00	.00	.00	0.00	0.00	0.00
70 U05490500	34.419	117.886	4615	LEWIS RANCH	16.77	.30	2.28	1.07	2.99	6.32	3.36	.00	.00	.00	0.00	0.40	0.00
56 W03494300	34.731	119.123	335	LEMONFIRE RANCH	23.18	.29	4.54	.96	5.86	8.34	3.44	.00	.04	.00	0.00	0.00	0.00
70 U03497501	34.379	118.150	5600	LITTLE BLEASON	26.07	.15	2.12	2.79	4.34	11.48	4.25	.00	.75	.00	0.00	0.00	0.00
33 Y02497940	34.052	118.236	270	LITTLE LAKE VLY VISFS	13.89	.62	2.10	2.19	2.10	3.15	3.44	.06	.00	.01	0.00	0.00	0.00
70 W24498300	34.536	117.974	2805	LITTLE ROCK	5.82	.13	.89	.44	.92	1.91	1.33	.00	.00	.00	0.00	0.20	0.00
70 U05499301	34.133	117.743	1510	LIVE OAK CYN DAM	22.93	.70	2.61	2.40	4.36	8.06	4.52	.19	.07	.02	0.00	0.00	0.00
70 W26500150	34.486	117.833	3990	LLANO - BLAYLOCK	5.63	.13	.97	.22	.55	2.32	1.54	.00	.00	.00	0.00	0.00	0.00
56 W03502410	34.734	119.102	5150	LOCKWOOD VALLEY	17.32	.10	3.13	.80	3.60	7.51	2.11	.00	.07	.00	0.00	0.00	0.00
42 T14506400	34.661	120.483	72	LOMPOC SEWAGE PLT	22.04	.39	.51	1.74	5.53	6.71	2.95	.07	.00	.00	0.00	0.00	0.00
42 T14506440	34.650	120.450	100	LOMPOC HWY MAINT STATT	20.24	.43	.81	1.64	5.11	6.09	3.01	.00	.00	.00	0.00	0.00	0.15
42 T14506460	34.683	120.433	240	LOMPOC ANE FIRE STATI	19.93	.15	4.57	.93	6.30	5.40	2.55	.00	.00	.00	0.00	0.00	0.00
14 W03506700	34.450	118.050	3950	LONG PINE COTTONWOOD	.00-	.05	.30	.22	2.20	1.28	.68	.00	.00	.00	0.00	0.00	0.00
70 U05508000																	



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES													
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973									
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
56 V02540901	34.484	119.306	1040	MATILIJIA DAM	45.91	.17	7.71	.90	9.63	23.17	4.30	.03	.00	.00	.00	.00	.00	.00
56 V02540902	34.430	119.314	650	MATILIJIA RCH	34.87	.06	6.71	1.04	8.08	14.79	3.29	.00	.00	.00	.00	.00	.00	.00
56 U02541700	34.484	119.304	1060	MATILIJIA DAM	44.80	.20	7.40	1.00	9.60	22.20	4.20	.00	.00	.10	.00	.10	.00	
33 X19550200	33.566	116.064	180	MECCA FIRE STATION	1.86	.24	.62	.00	.00	.44	.47	.00	.00	.00	.00	.05	.00	
70 W26556920	34.467	117.747	3810	MESCAL CREEK FT TEJON	5.38	.12	.75	.11	.68	2.35	1.37	.00	.00	.00	.00	.00	.00	
36 V01563200	34.088	116.934	4945	MILL CREEK INTAKE	28.40	2.30	4.10	1.30	5.60	2.90	8.20	.70	.80	.00	.00	.00	.00	
90 W26470701	32.900	117.100	640	MIRAMAR	14.46	.88	2.37	1.89	2.25	2.12	3.94	.27	.04	.02	.00	.21	.00	
36 X10572100	34.933	115.533	4306	MITCHELL CAVERNS	9.78	.86	1.13	.95	1.25	1.11	2.39	.51	.64	.26	.00	.75	.00	
33 Y02573650	33.896	117.415	1007	MOCKINGBIRD RES	10.22	.75	2.75	1.07	1.53	2.84	2.22	.00	.00	.06	.00	.00	.00	
15 W26475600	35.050	118.166	2735	MOJAVE	6.21	.00	.93	.17	.64	3.00	1.10	.04	.20	.00	.00	.11	.00	
26 W01577900	34.004	119.151	6450	MONO LAKE	12.37	1.17	1.67	.57	2.54	3.21	.73	.20	.94	.19	.00	1.06	.00	
70 U05578611	33.843	118.119	47	MONTANA RANCH	17.26	.33	3.58	1.44	3.08	6.58	2.25	.00	.00	.00	.00	.00	.00	
70 U05578731	34.011	118.104	215	MONTFRELO PD	18.78	.08	2.39	2.07	4.38	6.88	2.92	.00	.06	.00	.00	.00	.00	
42 T15578811	34.440	119.631	250	MONTICITO W C OF-SA3 S	27.24	.25	6.31	.93	7.07	9.37	3.36	.00	.00	.00	.00	.00	.00	
42 T15578860	34.450	119.616	250	MONTICITO LATHIN	32.44	.11	7.95	1.00	7.90	11.07	3.93	.08	.19	.07	.00	.00	.06	
70 U04579011	34.777	118.693	600	MONTF NIDN	29.35	.30	4.45	1.60	6.73	13.14	3.04	.00	.00	.00	.00	.00	.00	
70 U05580051	34.040	118.128	300	MONTEREY PARK FS	20.19	.07	3.37	2.60	3.45	7.33	3.35	.00	.00	.00	.00	.02	.00	
90 Z07580941	32.815	117.141	350	MONTGOMERY FIFLD	12.62	.60	3.50	1.63	1.98	2.29	2.68	.10	.03	.00	.00	.00	.00	
56 V03582300	34.274	118.876	520	MOORPARK 1 SF	16.21	.30	2.40	1.20	3.92	6.30	2.09	.00	.00	.00	.00	.00	.00	
56 V03582500	34.256	118.844	635	MOORPARK 3 SF	13.75	.26	1.70	.68	3.58	6.03	1.72	.00	.00	.00	.00	.00	.00	
56 V03582600	34.724	118.894	1050	MOORPARK 3 NNW	.00	1.45	3.67	1.31	5.74	7.47	2.09	.00	.04	.00	.00	.00	.00	
90 Z11584000	32.486	116.522	3084	MORFENA DAM (NW) - SDN	21.92	2.46	2.94	2.83	2.44	3.93	6.72	.24	.21	.00	.00	.00	.00	
40 T10584600	35.366	120.450	115	MORRO HAY FIRE DEPT	27.51	1.94	4.42	2.39	7.61	7.16	3.64	.03	.25	.00	.00	.00	.00	
40 T10584900	35.416	120.450	67	MORRO HAY 1 N	27.65	2.38	3.46	1.97	9.16	6.73	3.51	.00	.44	.00	.00	.00	.00	
70 U05587100	34.181	117.978	1210	MORRIS DAM FC 390R	31.94	.66	4.20	2.54	5.29	13.43	5.64	.00	.17	.01	.00	.00	.00	
36 W12589000	35.466	115.533	4670	MOUNTAIN PASS	12.60	.31	2.08	1.52	1.17	3.01	3.35	.00	.04	.00	.00	1.30	.02	
70 Y01590000	34.236	117.458	4275	MT BALDY FC BSF	41.60	.80	.00	2.71	5.43	19.61	7.82	.37	.64	.02	.00	.00	.00	
90 Z25965000	32.866	116.416	6200	MT LAGUNA CAA	9.58	2.90	4.60	.70	.23	.57	.56	.01	.01	.00	.00	.00	.00	
70 U05596001	34.226	118.109	4450	MT LOWE	37.25	.11	4.73	3.27	6.47	16.57	6.10	.00	.00	.00	.00	.00	.00	
70 U05596701	34.267	118.234	5025	MT LUKENS	20.22	.31	2.49	1.45	3.06	9.31	3.60	.00	.00	.00	.00	.00	.00	
70 U05597608	34.046	117.845	755	MT SAN ANTONIO COL	20.53	.94	3.21	1.94	3.87	6.63	3.90	.00	.00	.00	.00	.00	.00	
33 X19597800	33.800	116.633	8417	MT SAN JACINTO-WILD ST	28.70	1.73	3.60	3.35	4.24	6.70	7.20	.00	.00	.00	.00	1.88	.00	
70 U05597921	34.086	118.482	1025	MOUNT ST MARYS COLLEGE	27.30	.67	4.55	2.18	6.13	10.01	3.73	.00	.00	.00	.00	.00	.00	
70 U05600335	34.224	118.058	5050	MT WILSON OBSERVATORY	38.95	.62	2.95	2.52	4.98	20.83	6.95	.00	.03	.00	.00	.00	.00	
70 U05600600	34.226	118.045	5700	MOUNT WILSON-AIRWAYS	47.81	.59	5.47	3.71	5.99	22.63	9.25	.13	.00	.00	.00	.00	.00	
70 W26503411	34.713	118.354	2600	MUNZ VALLEY RCH	11.13	.00	1.50	.44	1.77	5.46	1.89	.07	.00	.00	.00	.00	.00	
90 Z07603931	32.780	117.043	520	MURRAY DAM	12.86	.86	2.79	1.76	1.99	2.57	2.72	.17	.00	.00	.00	.00	.00	
33 Z02604200	33.563	117.222	1131	MURRETA - S.C.S. OFFI	13.72	.15	2.31	.87	2.00	5.03	3.36	.00	.00	.00	.00	.00	.00	
40 Z09605600	35.766	120.943	770	NACIMIENTO DAM	24.30	3.01	4.95	.88	6.23	6.77	2.46	.00	.00	.00	.00	.00	.00	
90 Z09608801	32.667	117.111	15	NATIONAL CITY	13.27E	.69	2.46	1.23	1.67	2.84	2.74	1.60	.00	.00	.00	.00	.00	
36 X13611500	34.766	114.766	490	NEEDLES	.00	.00	.98	.00	.17	.54	.00	.12	.00	.00	.00	.00	.00	
36 X13611800	34.766	114.614	913	NEEDLES FAA AP	4.72	.90	1.04	.15	.12	.82	1.30	.04	.00	.00	.00	.00	.00	
56 V03614700	34.188	114.950	685	NEVADUR PARK 2 NNW	19.43	.39	2.93	1.70	4.13	7.27	3.01	.00	.00	.00	.00	.00	.00	
42 T12615650	34.950	119.683	2169	NEW CUYAMA HWY MAINT S	9.70	1.27	1.73	.50	2.41	1.69	2.00	.00	.00	.00	.00	.00	.00	
56 U03615911	34.402	118.736	675	NEWMALL RANCH	20.75	.07	3.08	1.10	4.57	8.35	3.32	.00	.26	.00	.00	.00	.00	
70 U03616200	34.385	118.531	1243	NEWMALL SOLEDAD 3RD	21.12	.04	2.44	.92	4.42	10.00	2.80	.00	.00	.00	.00	.00	.00	
30 Y01617500	33.402	117.009	4	NEWPORT BEACH HARBOR	14.39	.22	2.79	1.07	4.01	4.33	1.99	.03	.00	.00	.00	.00	.00	
70 U05618912	34.106	118.358	478	NICHOLS DERRIS BASIN	23.97	.00	3.51	2.05	4.73	10.07	3.55	.00	.00	.00	.00	.00	.00	
13 Z26197000	33.283	115.516	.55	NILAND	.00	.92	.39	.00	.00	.00	.44	.00	.00	.00	.00	.00	.00	
40 T12620700	35.066	120.500	360	NIPOMO 2 NW	25.59	1.23	4.68	2.43	6.46	6.21	2.84	.03	.01	.02	.00	.00	.00	
33 Y01421511	33.943	117.554	650	NORCH	13.13	.28	2.10	1.64	2.15	3.94	3.00	.00	.00	.00	.00	.00	.00	
70 U05625600	34.156	118.365	619	NORTH HOLLYWOOD	21.78	.05	3.18	1.61	4.77	9.70	3.14	.00	.00	.00	.00	.00	.00	
70 U05627011	34.231	118.541	810	NORTHRIDGE-LAMP W.VALL	17.98	.20	2.18	1.10	3.81	7.81	2.88	.00	.00	.00	.00	.00	.00	
33 X19627520	33.520	115.936	.180	NORTH SHORE	2.60	.62	.61	.00	.10	.65	.60	.00	.00	.00	.00	.00	.00	
70 U05628211	33.497	118.086	45	NORWALK	21.08	1.26	3.21	4.52	3.36	6.44	2.25	.00	.00	.00	.00	.00	.00	
33 Y01429920	33.817	117.131	1460	NUVIEW - CDF FIRE STA	14.01	.41	2.17	1.24	2.60	4.30	3.18	.04	.01	.01	.00	.00	.00	
70 U05631051	34.196	118.174	1040	OK GROVE	26.87	.21	3.47	2.31	3.97	12.53	4.11	.00	.00	.00	.00	.00	.00	
56 V02635311	34.394	119.300	505	OKVIEW	34.86	.22	6.02	1.14	8.81	15.38	3.25	.04	.00	.00	.00	.00	.00	
70 U05635511	34.244	118.180	2000	OKWILDE PHILLIPS	24.39	.23	3.34	2.45	3.47	11.06	3.83	.00	.00	.00	.00	.00	.00	
33 X19635601	33.493	116.112	170	OASIS	2.35	.55	.67	.00	.04	.47	.52	.00	.00	.00	.00	.10	.00	
90 Z03637700	33.198	117.377	84	OCEANSIDE-CITY FIRE DE	12.25	.92	2.63	1.19	2.19	2.66	2.62	.00	.03	.00	.00	.00	.00	
90 Z02637711	33.211	117.394	60	OCEANSIDE-CAMP PENDLET	12.22E	.92	2.63	1.19	2.16	2.66	2.62	.00	.03	.00	.00	.00	.00	
90 Z03637900	33.210	117.352	30	OCEANSIDE PUMP PLANT-R	10.44E	.43	2.38	.98	.96	2.28	3.01	.00	.00	.00	.00	.00	.00	
90 Z26383000	33.3																	

TABLE A-1 (CONT)  
MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

					PRECIPITATION IN INCHES												
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME		OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
3A 14669900	34.283	114.166	73H	PARKER RESERVOIR	7.57	1.92	1.55	.34	.72	1.06	2.15	.00	.13	.00	0.00	0.10	0.00
70 005671900	34.148	118.143	864	PASADENA CITY HALL-P.W.	25.40	.25	3.51	2.25	4.09	11.15	4.34	.03	.07	.06	0.00	0.03	0.00
70 005671902	34.137	118.129	795	PASADENA CAL TECH	26.25	.18	4.19	2.41	4.35	11.52	3.71	.00	.00	.00	0.00	0.00	0.00
70 005671903	34.207	118.166	1181	PASADENA CHURCHLINE PLT	28.72	.20	3.50	2.29	4.17	14.06	6.19	.09	.08	.14	0.00	0.00	0.00
70 005671908	34.129	118.153	780	PASADENA-HURLBURT FS	23.65	.24	4.00	2.35	3.77	10.34	2.91	.04	.00	.00	0.00	0.00	0.00
70 005671910	34.147	118.087	705	PASADENA-JHURBAN	26.02	.09	3.56	2.13	3.89	12.27	3.95	.02	.01	.05	0.00	0.00	0.05
90 005671918	34.177	118.165	1050	PASADENA-SHELDON RES	27.59	.25	3.76	2.35	4.27	12.39	4.32	.03	.03	.13	0.00	0.00	0.00
40 009673000	35.631	120.683	700	PASO ROHLES	22.81	1.68	4.14	.85	6.56	6.95	2.60	.01	.08	.00	0.00	0.00	0.00
40 009673600	35.683	120.750	1040	PASO ROHLES S NW	.00	1.14	4.99	.38	7.45	.00	.00	.00	.05	.00	0.00	0.00	0.10
40 009674200	35.666	120.633	803	PASO ROHLES FAA AP	20.55	1.56	3.39	.52	5.37	6.96	2.71	.00	.04	.00	0.00	0.00	0.00
33 002675666	33.450	117.083	1500	PAUBA RANCH	16.42	.51	2.88	1.64	2.44	4.19	4.76	.00	.00	.00	0.00	0.00	0.00
90 006677200	33.183	117.177	805	PECKSTEIN WFS-VISTA I.	.00	.73	3.41	2.53	3.25	3.83	.00	.17	.10	.10	0.00	0.00	0.00
33 006677621	33.975	117.490	695	PEDELY FIRE STA	14.05	.31	2.16	1.82	2.51	4.44	3.15	.03	.03	.00	0.00	0.00	0.00
33 002681600	33.783	117.233	1470	PERRIS	.00	.47	1.31	.75	3.79	.91	.00	.00	.00	.00	0.00	0.00	0.00
33 002681610	33.849	117.164	1582	PERRIS DAM	7.48	.47	1.10	.47	1.86	2.26	1.54	.00	.00	.00	0.00	0.00	0.00
33 002681811	33.786	117.229	1460	PERRIS - CNF HDQ	13.39	.67	1.99	.76	3.79	3.50	2.63	.00	.00	.02	0.00	0.03	0.00
33 002681816	33.834	117.199	1468	PERRIS RES EVAP	.00	.72	1.70	.54	2.82	2.63	1.80	.00	.00	.00	0.00	0.00	0.00
40 006682900	35.598	120.663	906	PETTERSON RANCH	37.22	4.46	5.26	4.50	11.27	8.55	2.81	.08	.02	.00	0.00	0.00	0.27
70 006685001	34.220	118.220	1600	PICKENS DERRIS HAS	10.78	.16	3.54	2.66	5.66	13.60	4.94	.12	.01	.19	0.00	0.00	0.00
56 003686200	34.506	119.165	1005	PIEDRA BLANCA R S	34.15	.35	5.32	.79	6.45	17.93	3.31	.00	.00	.00	0.00	0.00	0.00
3A 002686801	34.271	117.281		PILOT ROCK EVAP	.00	1.24	6.10	3.22	3.36	16.09	9.34	.11	.15	.00	0.00	0.00	0.00
70 003689100	34.674	118.430	3290	PINE CANYON PAT STN	22.54	.17	2.47	.80	3.22	11.55	3.49	.24	.20	.00	0.00	0.00	0.00
33 002689102	33.758	116.739	4200	PINE COVE-CDF FIRE STA	36.59	2.18	4.74	5.17	3.95	6.85	11.73	.63	.37	.00	0.00	0.00	0.00
56 003691000	34.609	119.164	4200	PINE MOUNTAIN INN	30.90	.50	4.60	1.00	6.40	13.00	3.30	.00	.10	.00	0.00	0.00	0.00
90 002691101	32.833	116.550	3700	PINE VALLEY	30.33F	2.78	3.42	3.68	3.16	5.39	10.84	.45	.19	.00	0.00	0.00	0.00
56 003694000	34.406	118.759	730	PIRU 2 ESE-CAMULOS RM	20.24	.04	2.73	1.05	4.00	8.74	2.96	.00	.12	.00	0.00	0.00	0.00
56 003694002	34.511	118.757	1150	PIRU CANYON-AHO LAKE P	23.10	.01	4.22	.69	5.74	9.32	3.12	.00	.00	.00	0.00	0.00	0.00
40 006694300	35.133	120.633	80	PISMO BEACH	25.49	2.83	5.31	1.54	6.67	5.38	3.95	.00	.09	.00	0.00	0.00	0.10
70 006695803	34.650	117.448	2680	PIUTE HUTTE	7.84	.12	.84	.64	1.08	2.56	1.62	.00	.00	.00	0.00	0.25	0.00
56 003695051	34.377	118.474	1490	PLACERITA CANYON	22.88	.08	2.71	1.01	4.05	11.62	3.41	.00	.00	.00	0.00	0.00	0.00
70 006698341	34.450	117.932	3996	PLASANT VIEW	10.11	.36	1.47	.65	1.89	4.20	1.90	.00	.00	.00	0.00	0.00	0.00
42 002698100	34.577	120.650	76	POINT ARGUELLO-LIGHT S	22.27	.39	4.28	1.39	6.64	7.08	2.17	.05	.09	.01	0.00	0.00	0.17
40 002698200	35.666	121.283	59	PT PIENRAS BLANCAS	27.53	1.94	6.81	1.08	8.33	6.27	3.03	.07	.00	.00	0.00	0.00	0.00
70 005703611	33.741	118.410	125	POINT VICENTE L M	12.57	.76	2.83	.79	2.50	3.47	1.94	.00	.15	.05	0.00	0.00	0.00
70 005705000	34.066	117.772	855	POMONA	23.49	1.19	2.98	2.34	4.04	8.84	4.05	.01	.01	.00	0.00	0.02	0.01
70 005705001	34.054	117.750	876	POMONA FIRE STATION	17.51	.34	2.74	2.26	3.40	4.62	3.75	.00	.00	.00	0.00	0.00	0.00
70 005710351	34.043	118.804	285	POTRERO HEIGHTS	20.66	.09	3.52	2.49	3.98	7.77	2.79	.00	.02	.00	0.00	0.00	0.00
90 006711010	32.950	117.062		POWAY CO RD STA	14.12E	1.12	2.97	1.81	2.22	2.30	3.51	.19	.00	.00	0.00	0.00	0.00
90 006711015	32.964	117.059		POWAY-HENSHAW	15.25E	1.24	3.67	1.80	2.13	2.42	3.70	.20	.09	.00	0.00	0.00	0.00
90 006711100	32.950	117.066	440	POWAY VALLEY	16.34	1.39	3.49	1.94	2.39	2.57	3.94	.20	.08	.02	0.00	0.12	0.00
33 001712300	33.890	117.635	560	PRADO DAM	18.23	.25	2.95	2.29	3.10	5.25	4.38	.00	.00	.00	0.00	0.02	0.00
70 005712311	34.341	117.693	5680	PRATIE FORKS	28.12	.72	3.15	1.91	4.14	9.99	7.01	.00	.20	.00	0.00	0.00	0.00
70 005716001	34.691	117.804	1036	PUDINGSTONE DAM	20.47	.70	2.57	2.41	4.11	7.02	4.12	.00	.00	.00	0.00	0.03	0.00
70 005716103	33.954	117.922	725	PUNETT HILLS-WEISEL	20.67	.86	3.88	2.01	3.67	6.69	3.46	.00	.04	.00	0.00	0.06	0.00
33 002717870	33.703	117.235	1590	QUAIL VALLEY	13.49	.47	2.13	1.15	2.45	4.20	3.01	.00	.00	.00	0.00	0.08	0.00
33 002722101	33.676	117.275	1390	RAILROAD CANYON DAM-T.	12.30	.65	2.02	1.04	2.25	3.55	2.75	.00	.00	.00	0.00	0.00	0.00
33 002722205	33.447	117.132	1330	RAINBOW COTTAGE - MAD	19.65	.73	3.12	2.45	3.06	5.00	5.04	.15	.05	.03	0.00	0.00	0.00
90 002722501	33.411	117.144	1045	RAINBOW SCHOOL(VALLECI	3.32E	.00	3.32	.00	.00	.00	.00	.00	.00	.00	0.00	0.00	0.00
90 002723050	33.043	116.858	1460	RANCHO-SO CO ROAD ST-R	19.03E	1.30	4.10	2.25	2.58	3.23	5.24	.24	.07	.00	0.00	0.00	0.00
90 002723100	33.077	116.848	1480	RANCHO - SPAULDING	20.25	1.38	4.21	2.25	2.41	3.51	5.54	.30	.19	.10	0.00	0.02	0.00
90 002724400	33.126	116.550	1110	RANCHITA - GOVERNMENT	5.10E	.00	1.10	1.13	1.13	2.30	3.55	.14	.15	.00	0.00	0.00	0.00
15 002725300	35.366	117.650	3522	RANDSBURG	5.49	.00	1.02	.17	.70	2.60	1.09	.00	.28	.00	0.00	0.00	0.00
33 001728401	33.979	117.220	2030	RECHE CANYON	16.57	.19	2.27	2.02	2.82	5.31	4.02	.11	.02	.02	0.00	0.00	0.00
36 001730600	34.052	117.191	1314	REGLANDS-DAILY FACTS	15.88	.84	2.14	1.64	2.51	4.55	3.94	.12	.10	.00	0.00	0.02	0.00
70 005732400	33.845	118.388	70	REDONDO BEACH-CITY HAI	13.00	.36	2.98	1.26	3.04	3.48	2.65	.00	.00	.00	0.00	0.03	0.00
56 003740311	34.435	119.113	1560	RICHFIELD OIL	35.19	.13	5.12	.94	6.47	18.19	3.85	.21	.04	.00	0.00	0.00	0.01
56 003742501	34.676	118.781	2500	RIDGE ROUTE MAINT STA	17.44	.00	3.49	.23	3.28	8.57	2.26	.00	.01	.00	0.00	0.00	0.00
33 002744771	34.002	117.377	820	RIVERSIDE-CDF FIRE STA	6.70	2.95	.85	.04	1.10	1.38	1.30	.00	.00	.00	0.00	0.08	0.00
33 001746901	34.002	117.377	820	RIVERSIDE-CDF FIRE STA	13.45	.17	2.38	1.45	2.11	4.35	2.74	.00	.02	.01	0.00	0.02	0.00
33 001747000	33.950	117.400	820	RIVERSIDE FIRE STN 3	.00	.00	1.90	1.30	1.12	3.64	2.14	.00	.00	.00	0.00	0.00	0.00
33 001747300	33.966	117.334	1015	RIVERSIDE CITRUS EXP	12.36	.16	2.03</										



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

						PRECIPITATION IN INCHES													
CO.	STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973									
							OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
70	005774200	34.113	118.491	1244	SAN FRANCISCO PH NO 1	22.18	.13	2.43	2.16	4.51	9.58	3.17	.00	.00	.00	.00	.00	.00	.00
70	003777300	34.531	118.524	1580	SAN FRANCISCOUITO 2	19.43	.21	2.35	1.20	3.26	9.10	3.00	.00	.03	.00	.00	.00	.00	.00
70	005777530	34.105	118.108	472	SAN GABRIEL ROLINGTON	25.68	.09	3.40	2.98	3.60	11.74	3.37	.00	.00	.00	.00	.00	.00	.00
70	005777551	34.236	117.805	1600	SAN GABRIEL CYN EFK 2	32.43	.42	3.63	2.16	5.67	14.36	6.01	.10	.08	.00	.00	.00	.00	.00
70	005777600	34.156	117.907	744	SAN GABRIEL CYN PH 2	29.16	1.03	3.74	2.37	4.85	11.78	5.00	.00	.24	.06	.00	.00	.00	.00
70	005777900	34.205	117.860	1481	SAN GABRIEL DAM	36.24	.45	4.53	2.47	6.40	15.35	6.35	.01	.25	.03	.00	.00	.00	.00
70	005777925	34.205	117.860	1481	SAN GABRIEL DAM-LAKE P	36.24	.45	4.53	2.47	6.40	15.35	6.35	.01	.25	.03	.00	.00	.00	.00
70	005777950	34.103	118.098	480	SAN GABRIEL FIRE DPT	24.46	.08	3.63	2.30	3.91	10.84	3.70	.00	.00	.00	.00	.00	.00	.00
33	002781000	33.787	116.968	1535	SAN JACINTO - JOHANSEN	12.43	.76	2.16	1.33	2.34	3.36	2.94	.05	.00	.00	.00	.00	.00	.00
33	002781100	33.795	117.000	1500	SAN JACINTO RES. - MUE	12.79	.51	2.25	1.32	2.21	3.67	2.76	.00	.04	.03	.00	.00	.00	.00
33	002781300	33.786	116.958	1560	SAN JACINTO RES. - R	.00	.70	2.10	1.30	.00	3.30	3.00	.00	.10	.00	.00	.00	.00	.00
40	010785100	35.300	120.666	300	SAN LUIS ORTIZPO POLY	40.04	2.72	6.79	2.00	13.83	9.67	6.94	.00	.02	.00	.00	.00	.00	.00
90	020785800	33.141	117.197	580	SAN MARCOS-CO RD STA-R	13.12E	.60	2.17	1.81	2.10	2.80	3.50	.14	.00	.00	.00	.00	.00	.00
42	014785900	34.511	119.423	2300	SAN MARCOS PASS	51.71	1.10	10.20	1.31	12.70	20.20	5.80	.10	.00	.10	.00	.00	.00	.00
42	015785900	34.500	119.414	3430	SAN MARCOS PASS TENNEY	45.47	.91	9.77	1.21	10.71	18.06	5.21	.00	.00	.00	.00	.00	.00	.00
56	006787000	33.233	119.450	502	SAN NICOLAS ISLAND-ATP	7.69	.06	1.41	.45	1.33	2.54	1.31	.01	.02	.03	.00	.00	.00	.00
30	001788800	33.744	117.867	115	SANTA ANA FIRE STA	14.71	.35	3.09	1.73	3.10	4.18	2.26	.00	.00	.00	.00	.00	.00	.00
36	001789100	34.108	117.115	1980	SANTA ANA RIVER PH 1	22.64	.76	2.74	2.14	3.46	5.12	7.25	.62	.34	.09	.07	.00	.00	.00
70	005789700	34.208	118.016	2035	SANTA ANITA FEWN LGF	43.56	.96	4.74	3.35	6.97	19.05	7.91	.00	.33	.15	.00	.00	.02	.00
70	005789840	34.214	117.982	4655	SANTA ANITA-SPRING CAM	44.45	1.12	5.48	2.81	6.83	20.82	7.07	.11	.15	.06	.00	.00	.00	.00
42	014790200	34.414	119.700	100	SANTA HARRARA	23.52	.13	5.47	1.01	6.77	7.34	3.01	.75	.03	.03	.00	.00	.00	.00
42	015790500	34.433	119.874	9	SANTA HARRARA FAA AP	24.29	.49	6.35	.90	6.15	8.28	2.11	.00	.00	.00	.00	.00	.00	.00
42	015790750	34.450	119.750	100	SANTA HARRARA PHILLIPS	31.94	.25	6.85	.86	7.20	11.60	3.14	.00	.00	.00	.00	.00	.00	.00
42	015790870	34.400	119.716	200	SANTA HARRARA WHITEHOU	22.14	.09	4.94	.77	5.54	7.34	3.04	.00	.13	.07	.00	.00	.00	.00
42	014790900	34.525	119.957	400	SANTA HARRARA TV PK	39.17	.93	7.03	2.29	7.91	16.63	6.38	.00	.00	.00	.00	.00	.00	.00
70	005792600	34.117	117.973	427	SANTA FE DAM	21.66	.90	3.23	2.15	3.49	8.59	3.10	.00	.00	.00	.00	.00	.00	.00
40	009793000	35.366	120.633	1200	SANTA MARGARITA 2 SW	46.48	4.40	7.17	3.38	12.95	12.29	6.22	.00	.00	.01	.00	.00	.00	.00
42	012794600	34.900	120.450	238	SANTA MARIA WR AP	20.19	.60	4.28	1.14	4.81	6.20	3.02	.00	.03	.01	.00	.00	.00	.00
42	012794640	34.950	120.433	220	SANTA MARIA HWY MAINT	20.17	.60	3.61	1.53	4.81	6.00	3.44	.00	.03	.02	.00	.00	.00	.00
42	012794665	34.900	120.250	800	SANTA MARIA 12 E SMITH	26.57	1.46	5.12	2.22	5.52	7.11	5.08	.00	.04	.00	.00	.00	.00	.00
70	005795010	34.016	118.494	80	SANTA MONICA-OLD CITY	17.84	.13	3.18	2.06	4.11	5.45	2.73	.00	.03	.00	.00	.00	.00	.00
70	005795300	34.007	118.498	15	SANTA MONICA-PIER	16.25	.17	3.18	1.84	3.70	5.19	2.07	.00	.01	.00	.00	.00	.00	.00
56	003795700	34.347	119.079	263	SANTA PAULA-VCFD HWS	23.91	.29	4.70	.95	6.11	9.07	2.78	.00	.01	.00	.00	.00	.00	.00
56	003797302	34.270	118.708	960	SANTA SUSANA AIRPORT	.00	.07	2.26	.89	3.50	5.84	2.38	.00	.00	.00	.00	.00	.00	.00
42	014797600	34.616	120.100	600	SANTA YNEZ	21.50	1.50	3.50	1.00	4.00	7.80	2.80	.00	.00	.00	.00	.00	.00	.00
42	014797620	34.616	120.064	620	SANTA YNEZ CO ROAD YAR	20.89	.70	3.09	1.13	5.06	7.82	3.09	.00	.00	.00	.00	.00	.00	.00
30	007798700	33.783	117.722	860	SANTIAGO DAM	17.36	1.24	3.48	2.24	3.09	2.55	4.63	.11	.02	.00	.00	.00	.00	.00
33	001798712	33.710	117.532	5660	SANTIAGO PEAK	35.90	.60	4.50	4.60	6.20	10.90	9.00	.10	.00	.00	.00	.00	.00	.00
90	007798900	32.916	116.914	660	SAN VICENTE RES	17.36	1.24	3.48	2.24	3.09	2.55	4.63	.11	.02	.00	.00	.00	.00	.00
56	003800800	34.277	119.202	300	SATIGNY-DEL MAR RANCH	22.24	.04	4.43	.88	5.53	8.71	2.67	.00	.00	.00	.00	.00	.00	.00
56	003800804	34.285	119.155	190	SATIGNY FIRE STATION	21.65	.05	4.49	.92	5.25	8.23	2.71	.00	.00	.00	.00	.00	.00	.00
70	003801400	34.588	118.452	2105	SAUGHS POWER PLANT 1	22.14	.08	2.85	1.76	3.43	9.60	4.35	.07	.04	.00	.00	.00	.00	.00
70	003801403	34.422	118.573	1096	SAUGHS EDISON STA	15.33	.00	1.49	1.39	2.97	9.64	2.44	.00	.00	.00	.00	.00	.00	.00
70	003801408	34.415	118.547	1150	SAUGHS-NEWMALL	14.94	.01	2.12	.73	3.09	6.80	2.10	.00	.00	.00	.00	.00	.00	.00
70	006802001	34.720	118.583	3700	SANMILL CTN RCH	26.76	.03	4.56	1.03	4.17	12.94	3.71	.23	.09	.00	.00	.00	.00	.00
70	005802212	34.193	117.964	2725	SAMPIT CYN DEER PK	41.25	1.26	4.42	3.23	6.67	17.37	7.16	.13	.39	.22	.00	.00	.00	.00
70	005802214	34.176	117.987	1379	SAMPIT DAM 2	30.47	.36	3.82	2.62	4.99	13.19	5.29	.14	.23	.21	.00	.00	.00	.00
70	005802303	34.055	118.455	345	SAWTELLE-NA MILITARY	22.94	1.67	3.86	1.07	4.34	7.94	3.22	.00	.00	.00	.00	.00	.00	.00
70	006808801	34.104	118.791	875	SEMINOLE HOT SPRINGS-MAL	29.44	.46	4.59	1.56	5.83	13.14	3.86	.00	.00	.00	.00	.00	.00	.00
70	005809200	34.168	118.469	740	SEPULVEDA DAM-C.O.F. -R	20.01	.22	3.12	1.14	4.26	8.91	2.44	.00	.00	.00	.00	.00	.00	.00
70	005809201	34.231	118.467	824	SEPULVEDA-GREEN ARROW	19.06	.49	2.49	1.57	3.93	7.85	2.73	.00	.00	.00	.00	.00	.00	.00
70	005809205	34.161	118.466	698	SEPULVEDA DAM-81 REC	19.74	.20	2.49	.95	4.27	8.97	2.36	.00	.00	.00	.00	.00	.00	.00
70	005809211	34.130	118.490	1425	SEPULVEDA CYN-MULHOLLA	27.53	.35	3.78	1.57	6.08	12.38	3.36	.00	.00	.00	.00	.00	.00	.00
56	006809501	34.424	119.354	660	SELY RANCH-STA ANA V-	35.35	.00	6.38	1.14	9.19	15.01	3.43	.00	.00	.00	.00	.00	.00	.00
14	009800000			1570	SHOSHONE	.00	.00	.53	.05	.84	1.16	1.31	.00	.15	.00	.00	.00	.00	.00
70	005821001	34.176	118.042	1100	SIFERRA MADRE DAM	30.47	.08	3.71	2.29	4.84	13.46	5.89	.00	.00	.15	.00	.00	.00	.00
70	005821006	34.169	118.047	985	SIFERRA MADRE	30.35	.15	3.79	2.26	4.83	13.35	5.83	.00	.00	.08	.00	.00	.00	.00
70	005821007	34.157	118.043	658	SIFERRA MADRE-PFGLER RA	27.15	.19	3.54	2.07	4.27	12.07	4.99	.00	.02	.00	.00	.00	.00	.00
70	005821100	34.163</																	

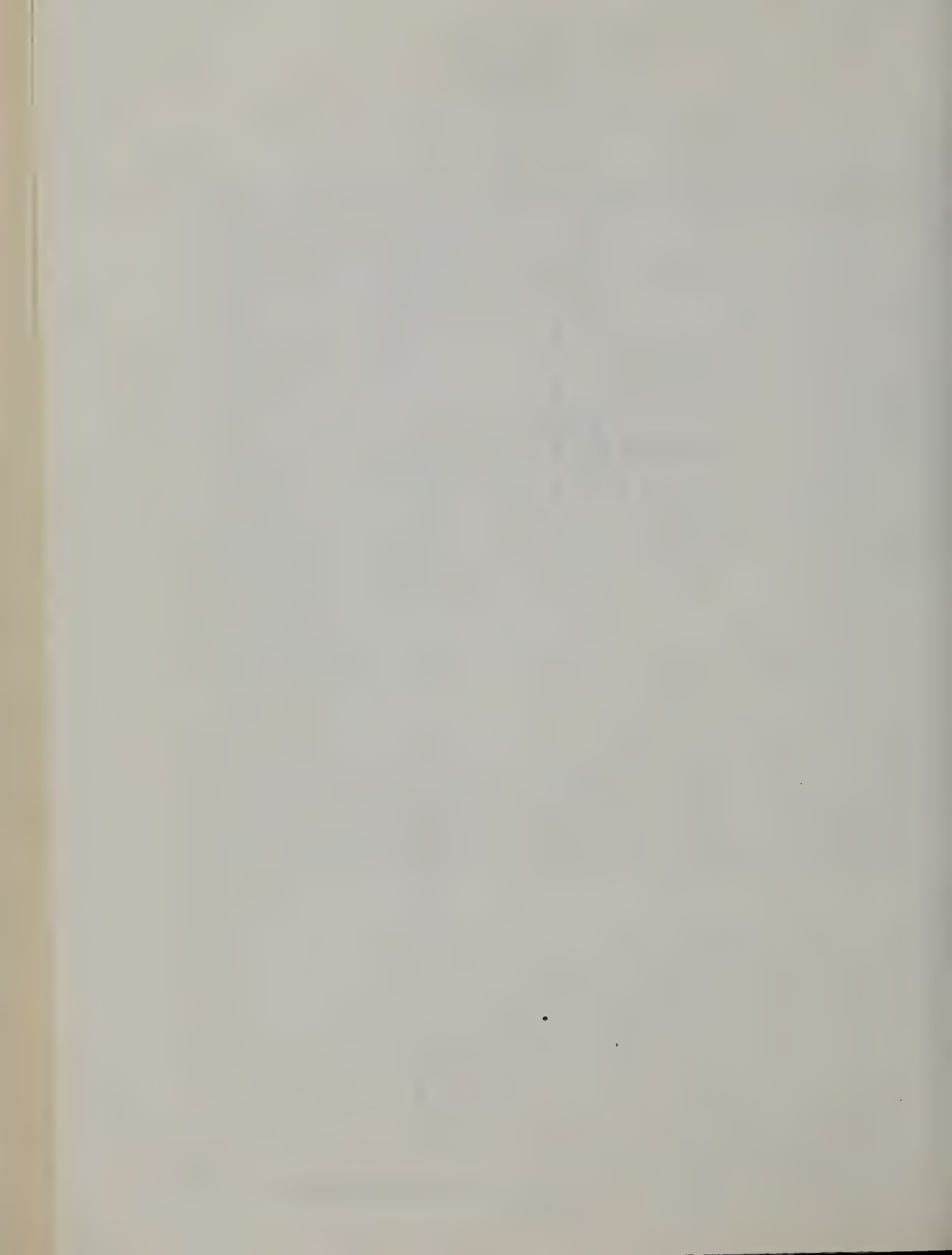


**TABLE A-1 (CONT)**  
**MONTHLY PRECIPITATION**  
**SOUTHERN CALIFORNIA**

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	PRECIPITATION IN INCHES												
						1972			1973									
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
70 W26R74890	34.381	117.684	7500	TABLE MOUNTAIN	12.62	.85	1.33	1.07	2.15	5.60	.38	.00	1.04	.00	.00	.00	0.20	0.00
70 U05A78351	34.205	117.761	2750	TANBARK FLATS-PSF+RES-	33.48	.52	3.78	2.56	5.52	14.40	6.00	.18	.31	.17	0.00	0.04	0.00	0.00
33 Z02884001	33.496	117.149	1019	TEMECULA-CDF FIRE STAT	22.31	.29	3.01	2.16	3.88	5.89	7.03	.06	.00	.00	0.00	0.00	0.00	0.00
56 V03884510	34.474	118.762	1150	TEMECULA GUARD STA-USF	24.45	.08	3.99	1.14	5.48	10.34	3.38	.00	.00	.00	.00	0.00	0.00	0.00
70 U05884801	34.108	118.056	404	TEMPLE CITY	22.99	.14	3.20	2.43	4.05	10.09	3.08	.00	.00	.00	0.00	0.00	0.00	0.00
56 V02887900	34.464	119.180	1360	THACHER SCHOOL	30.14	.00	3.76	.94	6.37	15.09	3.70	.18	.01	.05	0.00	0.00	0.00	0.00
33 X19889200	33.634	116.161	120	THERMAL FAA AIRPORT -	1.80	.11	.69	.03	.11	.43	.12	.00	.00	.00	0.00	0.31	0.00	0.00
33 X19889201	33.634	116.163	118	THERMAL AP-CDF FIRE S-	2.12	.17	.60	.04	.02	.59	.34	.00	.00	.00	0.00	0.36	0.00	0.00
56 U03890500	34.174	118.849	810	THOUSAND OAKS FC 718	.00-	.16	2.66	.91	4.26	8.09	2.87	.00	.00-	.00	.00	0.00	0.00	0.00
33 X19890820	33.829	116.397	240	THOUSAND PALMS	2.21	.19	.75	.02	.17	.52	.53	.00	.00	.00	.00	0.03	0.00	0.00
70 U04896700	34.084	118.599	745	TOPANGA PATROL STATION	32.69	.42	4.62	1.90	7.58	14.50	3.67	.00	.00	.00	.00	0.00	0.00	0.00
70 U05897300	33.800	118.333	100	TOURANCE	18.44	.10	4.19	1.51	3.32	4.13	3.18	.00	.00	.00	0.00	0.01	0.00	0.00
30 Z01899200	33.657	117.589	970	TRABUCO CANYON	.00-	.30	3.40	2.60	4.40	.00-	.00-	.00	.00	.20	.10	0.00	0.00	0.00
36 W21003500	35.783	117.383	1695	TRONA	3.87	.21	.36	.00	.71	1.69	.38	.13	.39	.00	0.00	0.00	0.00	0.00
42 T15904650	34.450	117.783	180	TUCKER GROVE PARK	32.78	.21	8.40	1.09	7.79	11.46	3.63	.00	.00	.00	.00	0.00	0.00	0.00
70 U05904700	34.272	118.293	1690	TUJUNGA - PARRA	28.86	.13	3.33	1.49	3.66	11.62	4.58	.12	.03	.09	.00	0.01	0.00	0.00
70 U05904810	34.286	118.225	1850	TUJUNGA CYN-VNGEL	34.73	.57	3.97	2.43	3.90	18.14	5.72	.00	.00	.00	.00	0.00	0.00	0.00
70 U03904900	34.388	118.090	4650	TUJUNGA MILL CREEK	17.59	.05	2.45	1.62	2.40	7.57	3.01	.00	.19	.00	0.06	0.25	0.00	0.00
30 Y01908700	33.731	117.781	118	TUSTIN IRVINE RANCH	14.54	.19	2.84	1.69	3.29	3.43	2.60	.03	.04	.01	.00	0.00	0.00	0.02
36 X09009900	34.133	116.050	1975	TWENTYNINE PALMS	2.14	.24	.50	.00	.00	.14	.00	.00	.00	.00	.00	0.05	.56	0.00
42 T12011100	34.983	120.316	582	WITCHELL DAM	25.67	.51	4.95	1.62	5.43	8.08	4.97	.00	.03	.06	.00	0.00	0.00	0.00
70 U05915200	34.069	118.221	430	WICKLIFF - WESTWOOD	22.77	.29	3.89	1.94	4.85	8.55	3.15	.00	.02	.00	0.00	0.00	0.00	0.00
36 Y01915800	34.132	117.643	1605	UPLAND 3 N-LTD GROVES	23.46	.35	2.92	2.57	4.17	8.20	4.97	.18	.10	.00	.00	0.00	0.00	0.00
36 Y01916001	34.118	117.679	1508	UPLAND - CADNUP	22.29	.27	2.69	2.35	4.11	7.92	4.85	.18	.00	.00	.00	0.00	0.00	0.00
70 U05916505	34.120	118.410	867	UPPER FRANKLIN CYN RES	24.44	.17	4.00	1.74	5.23	10.21	2.99	.00	.01	.00	.00	0.03	0.02	0.00
90 Z10918210	32.648	116.932	550	UPPER OTAY RES-S.D.U.D	15.01	1.04	2.58	2.31	2.61	2.27	3.87	.32	.10	.01	.00	0.00	0.00	0.00
70 U05918711	34.124	118.454	943	UPPER STONE CANYON	24.20	.30	3.65	1.45	5.00	10.70	3.10	.08	.00	.00	.00	0.00	0.00	0.00
90 Z03923200	33.231	117.017	1390	VALLEY CENTER 2 NNE-MW	20.73	.79	3.48	2.37	3.51	4.34	5.81	.27	.10	.00	.00	0.02	0.00	0.00
70 W2A925000	34.450	117.866	3600	VALVERDE	.00-	.00-	1.12	.38	1.29	3.05	1.06	.23	.00	.00	0.00	0.00	0.00	0.00
70 W2A925100	34.445	117.850	3700	VALVERDE R S	9.67	.32	1.20	.50	1.63	3.60	1.99	.00	.00	.00	.00	0.00	0.43	0.00
70 U05925900	34.288	118.481	1150	VAN NORMAN LK LWR DAM	22.15	.22	2.46	1.79	4.37	10.12	3.16	.03	.00	.00	.00	0.00	0.00	0.00
70 U05925920	34.313	118.491	1248	VAN NORMAN LAKE UPPER	21.96	.17	2.56	2.02	4.19	9.82	3.14	.00	.00	.00	.00	0.00	0.00	0.00
70 U05926000	34.179	118.450	695	VAN NUYS FC 158	19.35	.36	2.59	1.16	4.08	8.40	2.76	.00	.00	.00	.00	0.00	0.00	0.00
70 U05927902	33.092	118.460	55	VENICE-LAFO FIRE STAT	17.76	.85	2.92	2.03	4.10	4.85	2.95	.00	.00	.00	.00	0.00	0.05	0.01
56 U09285000	34.276	119.291	45	VENTURA	19.42	.00	4.31	.74	5.09	6.97	2.26	.00	.00	.00	.00	0.00	0.00	0.01
56 W28932500	34.533	117.300	2859	VICTORVILLE PUMP PLT	6.20	1.03	.75	.16	.60	2.03	1.58	.00	.00	.00	.00	0.05	0.00	0.00
70 U03934500	34.488	118.141	3135	VINCENT FIRE STN	7.50	.02	.95	.57	1.31	2.90	1.75	.00	.00	.00	.00	0.00	0.00	0.00
70 U05934601	34.373	117.751	6600	VINCENT GULCH	36.68	.79	4.21	2.41	6.12	13.58	8.19	.01	1.22	.00	.00	0.15	0.00	0.00
90 Z05934850	33.162	116.900	2040	VINEYARD RANCH	10.52E	1.30	4.50	3.20	.39	.44	.62	.04	.02	.01	0.00	0.00	0.00	0.00
90 Z03937800	33.222	117.224	510	VISTA 2 NNE-FIRE STA 3	16.10	.72	3.19	1.77	2.66	3.39	4.08	.20	.10	.00	.00	0.00	0.00	0.00
70 U04939002	34.020	118.828	15	ZUMA BEACH	17.22	.09	2.92	1.94	4.44	5.52	2.27	.00	.00	.00	.00	0.00	0.00	0.00
70 U05943100	34.003	117.470	488	WALNUT PATROL STN	20.73	.95	3.84	1.84	3.58	7.05	3.43	.00	.00	.00	.00	0.00	0.00	0.00
90 Z03944700	33.284	116.631	3180	WARNER SPRINGS-HOT SPR	.00-	1.69	3.55	2.62	.00-	3.42	4.89	.14	.24	.00	.00	0.21	0.00	0.00
90 Z03944801	33.241	116.662	2894	WARNER RANCH HOUSE	21.67	1.45	4.35	2.55	2.45	3.92	5.85	.20	.30	.00	.00	0.60	0.00	0.00
70 U05944601	34.266	118.143	3290	WATERMAN G S	32.72	.54	3.49	2.11	4.58	16.79	4.81	.00	.00	.00	.00	0.00	0.00	0.00
70 U05953151	34.128	118.072	547	WEST ARCADIA	25.05	.43	3.68	2.98	4.41	9.51	3.84	.00	.00	.00	.00	0.00	0.00	0.00
70 U05953171	34.114	117.915	505	WEST AZUSA	24.12	1.77	3.78	2.22	4.36	8.53	3.86	.00	.00	.00	.00	0.00	0.00	0.00
33 Y01958701	34.013	117.444	925	WEST RIVERSIDE	14.71	.41	2.34	1.78	2.47	4.65	3.05	.00	.00	.00	.00	0.01	0.00	0.00
26 W05963200	37.500	118.183	150	WHITE MOUNTAIN 1	10.94	2.42	1.14	.45	1.96	1.78	1.67	.04	.35	.21	.14	0.78	0.00	0.00
26 W03961300	37.583	118.233	2670	WHITE MOUNTAIN 2	22.92	.64	2.09	1.73	6.01	2.04	2.32	.00	.91	.81	.18	1.29	0.00	0.00
70 U05966000	33.974	118.032	320	WHITTIER CITY HALL	20.17	.80	3.95	1.88	3.66	7.09	2.77	.00	.02	.00	.00	0.00	0.00	0.00
70 U05966600	34.020	118.064	250	WHITTIER NARROWS DAM	19.97	.08	3.56	2.25	4.09	7.05	2.94	.00	.00	.00	.00	0.00	0.00	0.00
33 X19666920	33.933	116.383	1600	WINE CANYON-COACHELLA	4.03	.40	1.08	.04	.25	1.11	1.07	.00	.00	.00	.00	0.04	0.00	0.00
14 W09671100	36.250	117.233	4100	WILDOSE RANGER STA	16.02	1.26	1.11	.10	.95	3.68	6.36	1.81	.41	.05	.00	0.30	0.00	0.00
33 Z02967545	33.592	117.269	1237	WILDOMAR - BROWN	15.39	.23	2.62	1.11	2.64	4.87	3.88	.02	.02	.00	.00	0.00	0.00	0.00
33 Y01967555	33.501	117.789	1011	WILD ROSE RCH CFL	14.71	.67	2.27	1.54	2.83	4.47	2.91	.02	.00	.00	.00	0.00	0.00	0.00
70 U05970122	33.790	118.258	40	WILMINGTON-2	15.10	.12	3.84	1.31	3.28	4.11	2.40	.00	.00	.00	.00	0.00	0.04	0.00
33 Y01977420	33.897	117.320	1580	WOODCREST PREHDA DAM	10.87	.40	1.41	1.02	1.87	3.35	2.71	.00	.00	.00	.00	0.00	0.00	0.00
70 U05978400	04.000	119.083	1070	WOODLAND HILLS	20.89	.28	2.81	.94	3.73	10.80	2.33	.00	.00	.00	.00	0.00	0.00	0.00
70 U05984700	33.900	117.816	405	YORBA LINDA	17.44	.28	3.94	1.86	2.89	5.33	3.05	.00	.06	.00	.00	0.00	0.00	0.01
70 U04999011	34.082	118.827	1500	ZUMA CYN-OAKLEY	33.43	.80	5.62	2.27	7.49	13.03	4.51	.05	.07	.00	.00	0.00	0.00	0.00

Appendix B  
SURFACE WATER MEASUREMENTS





## Appendix B

### SURFACE WATER MEASUREMENTS

This appendix presents surface water data for Southern California from October 1, 1972 through September 30, 1973. The locations of the measurement stations are shown in Figure B-1 through B-6. These data consist of summary tables of annual unimpaired runoff from major streams (Table B-1), daily mean discharge (Table B-2), diversions from the Colorado River (Figure B-7), imported water (Figure B-8), and monthly water content of major reservoirs (Table B-3).

Each station in this appendix has been identified by a six-character number, i.e., Z-6-1300. The letter designates the hydrographic area in which the station is located. The first digit designates the hydrologic unit or river basin. The second digit designates the particular stream or reach of stream in the river basin. The last three digits identify a particular station, being assigned to each station in numerical order upstream from the mouth. Station numbers have been assigned according to the Department of Water Resources Bulletin 157 "Index of Stream Gaging Stations In and Adjacent to California, 1970".

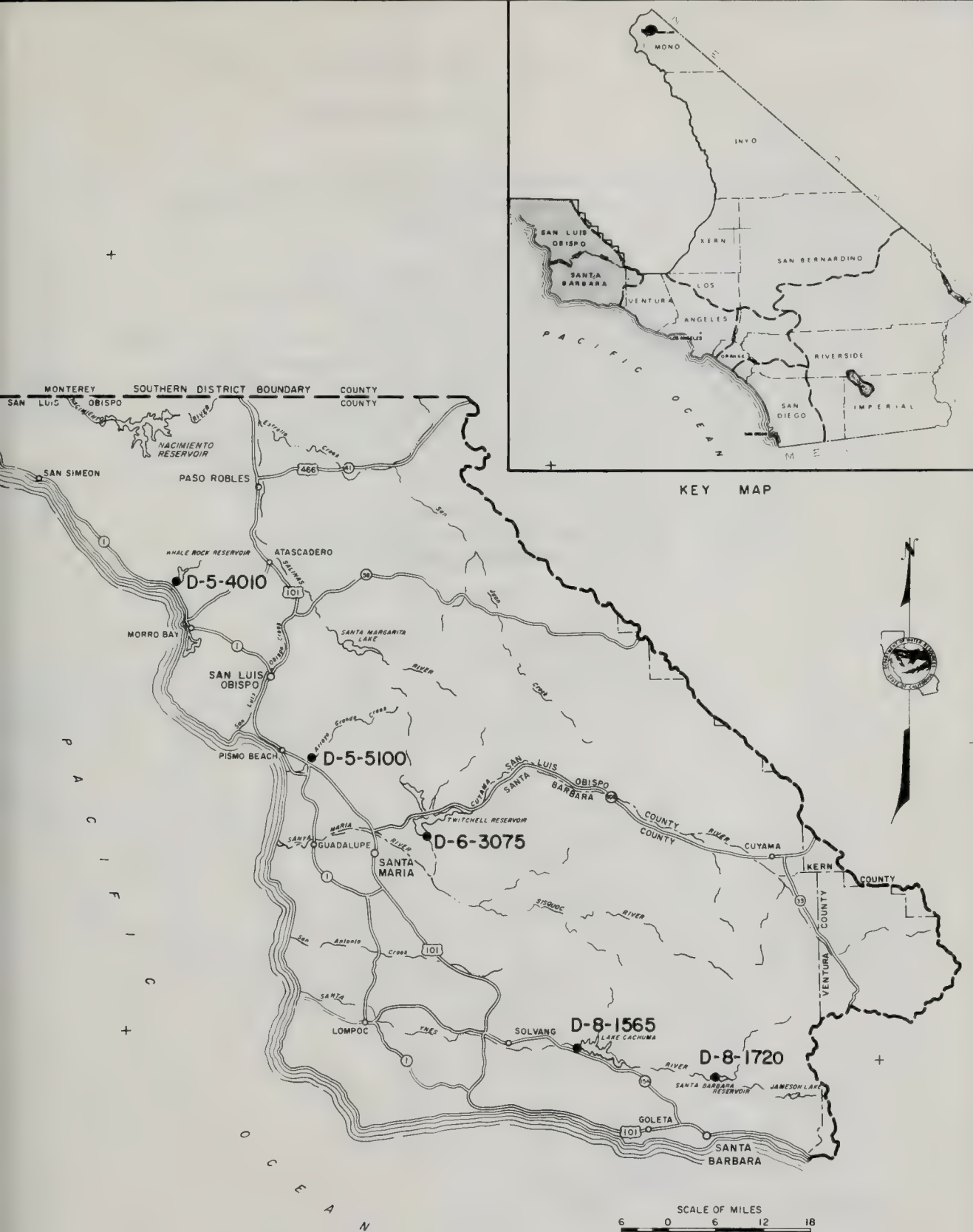
In addition to data collected and published by the Department of Water Resources in this appendix, the United States Geological Survey collects and publishes data on many additional gaging stations in Southern California. This work is done under a Federal-State cooperative contract, or through similar arrangements with other local or government agencies. Other governmental agencies also collect and publish surface water data. The data published in the following reports together with this report present a comprehensive picture of the surface water quantities in Southern California:

1. "Water Resources Data For California, Part 1 - Surface Water Records, Volume 1: Colorado River Basin, Southern Great Basin, and Pacific Slope Basins Excluding Central Valley"  
United States Department of the Interior, Geological Survey
2. "Bulletin No. 120, Water Conditions in California"  
California Department of Water Resources
3. "Bulletin No. 178, Watermaster Service in the Raymond Basin, Los Angeles County"  
California Department of Water Resources
4. "Biennial Report on Hydrologic Data"  
Los Angeles County Flood Control District
5. "Annual Hydrology Report"  
Orange County Flood Control District
6. "Biennial Report, Hydrologic and Climatic Data"  
San Bernardino County Flood Control District
7. "Hydrology Report"  
San Diego County Department of Sanitation and Flood Control
8. "Western Water Bulletin, Flows of the Colorado River and Other Western Boundary Streams and Related Data"  
International Boundary and Water Commission

## SURFACE WATER MEASUREMENT STATIONS

### CENTRAL COASTAL AREA

D-5-4010	Whale Rock Reservoir at Cayucos
D-5-5100	Arroyo Grande at Arroyo Grande
D-6-3075	Twitchell Reservoir near Santa Maria
D-8-1565	Lake Cachuma near Santa Ynez
D-8-1720	Gibraltar Reservoir near Santa Barbara

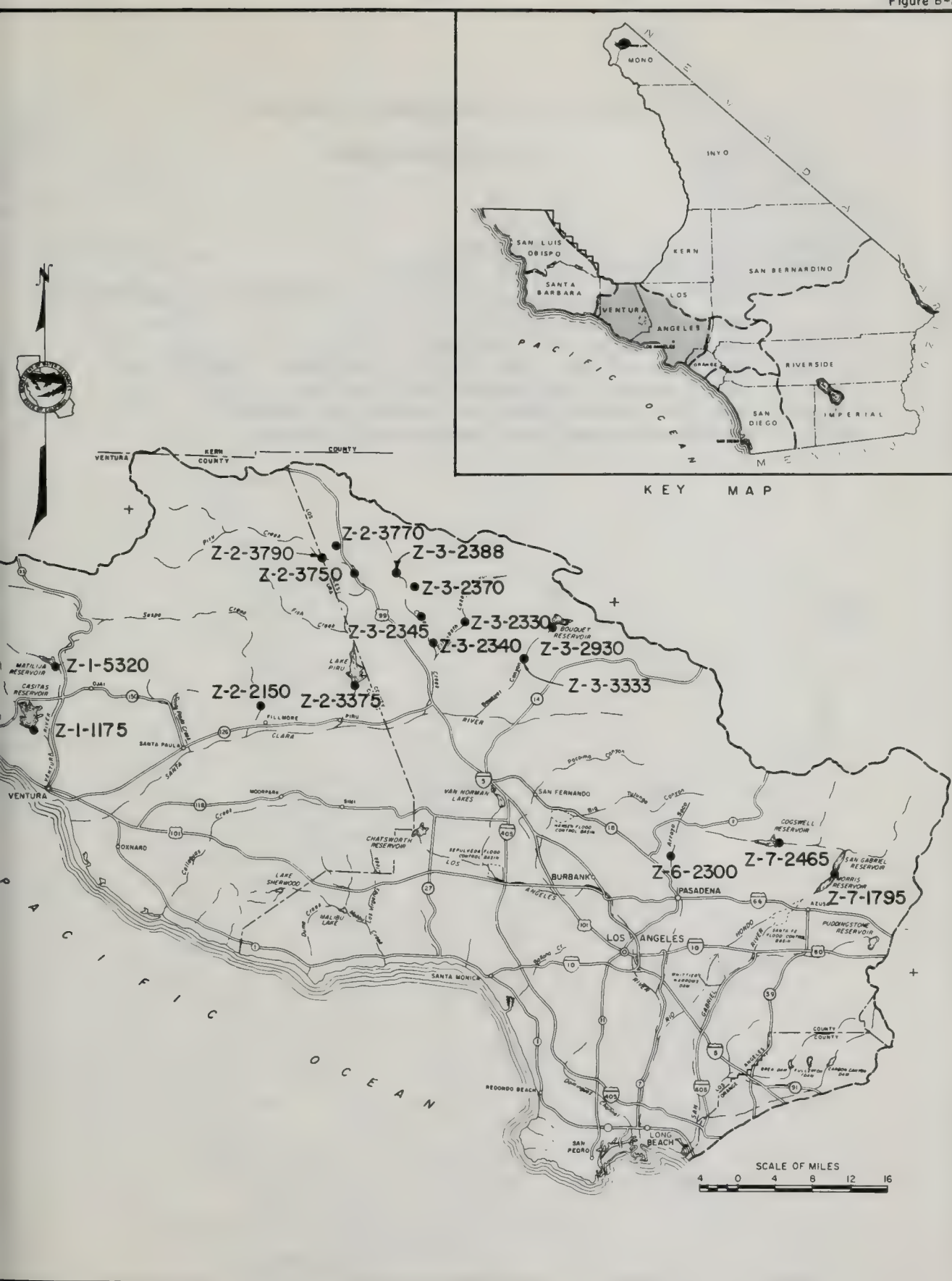




SURFACE WATER MEASUREMENT STATIONS

LOS ANGELES AREA

Z-1-1175 Casitas Reservoir near Casitas Springs  
Z-1-5320 Matilija Reservoir at Matilija Hot Springs  
Z-2-2150 Sespe Creek near Fillmore  
Z-2-3375 Lake Piru near Piru  
Z-2-3750 Piru Creek above Frenchmans Flat  
Z-2-3770 Canada De Los Alamos below Apple Canyon  
Z-2-3790 Piru Creek below Buck Creek  
Z-3-2330 Elizabeth Lake Canyon Creek above Castaic Creek  
Z-3-2340 Necktie Canyon Creek above Castaic Creek  
Z-3-2345 Elderberry Canyon Creek above Castaic Creek  
Z-3-2370 Fish Creek above Castaic Creek  
Z-3-2388 Castaic Creek One Mile above Fish Creek  
Z-3-2930 Bouquet Reservoir near Green Valley  
Z-3-3333 Castaic Afterbay Farshall  
Z-6-2300 Arroyo Seco near Pasadena  
Z-7-1795 San Gabriel Reservoir near Azusa  
Z-7-2465 Cogswell Reservoir near Monrovia

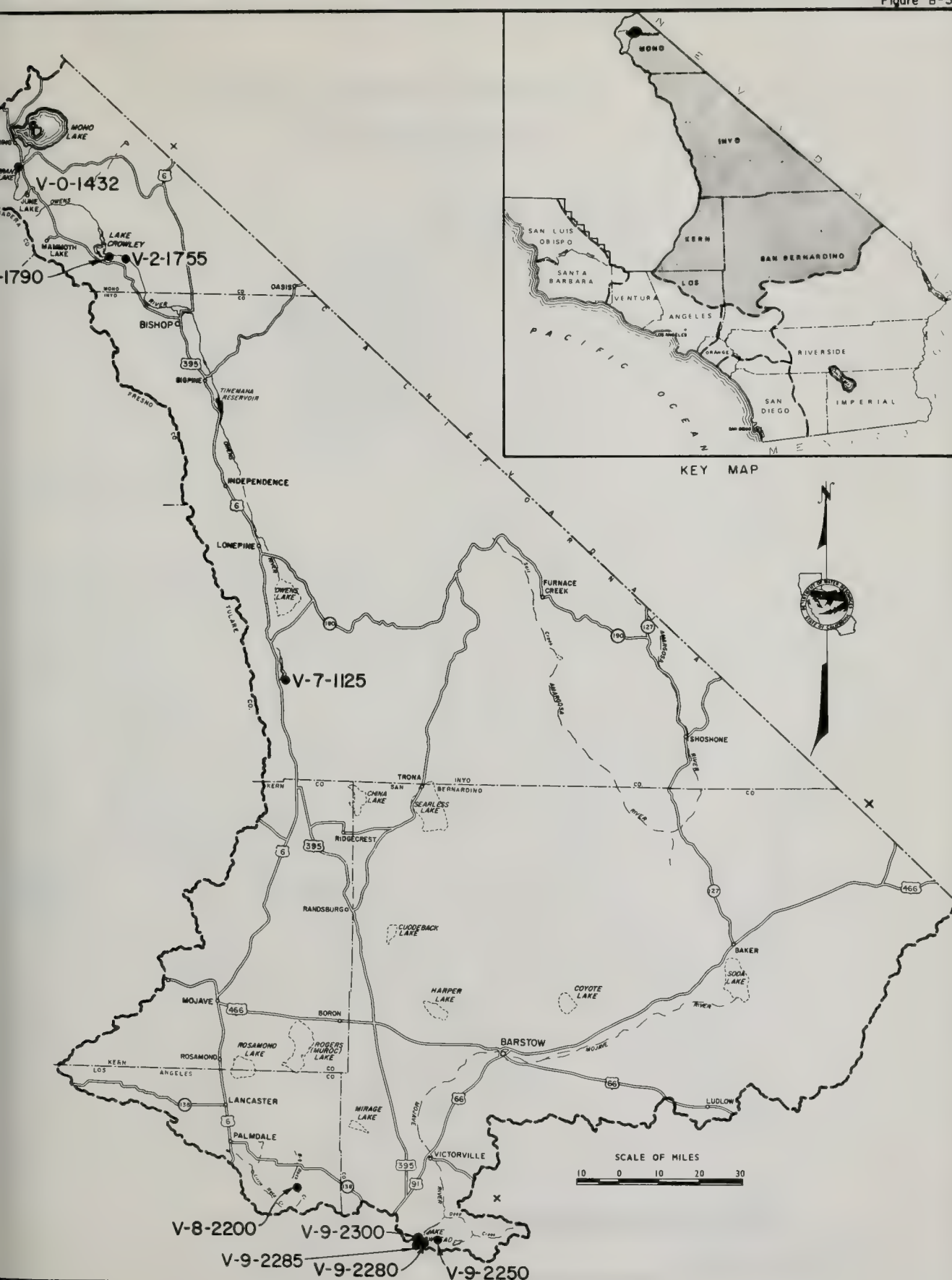


## SURFACE WATER MEASUREMENT STATIONS

### SOUTH LAHONTAN AREA

V-0-1432 Grant Lake near Lee Vining  
V-2-1755 Owens River below Long Valley Dam  
V-2-1790 Long Valley Reservoir near Tom's Place (formerly Lake Crowley)  
V-7-1125 Haiwee Reservoir near Olancho  
V-8-2200 Big Rock Creek near Valyermo  
V-9-2250 East Fork of West Fork Mojave River above Cedar Springs  
V-9-2280 Sawpit Canyon Creek above Cedar Springs  
V-9-2285 West Fork Mojave River at Highway 138 Bridge  
V-9-2300 West Fork Mojave River above Cedar Springs





LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SOUTH LAHONTAN AREA

SURFACE WATER MEASUREMENT STATIONS

COLORADO RIVER BASIN

*Ariz-Nev	Lake Mead
*Ariz-Nev	Lake Mojave
W-2-1700	Lake Havasu near Parker Dam

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\*Not shown on facing map

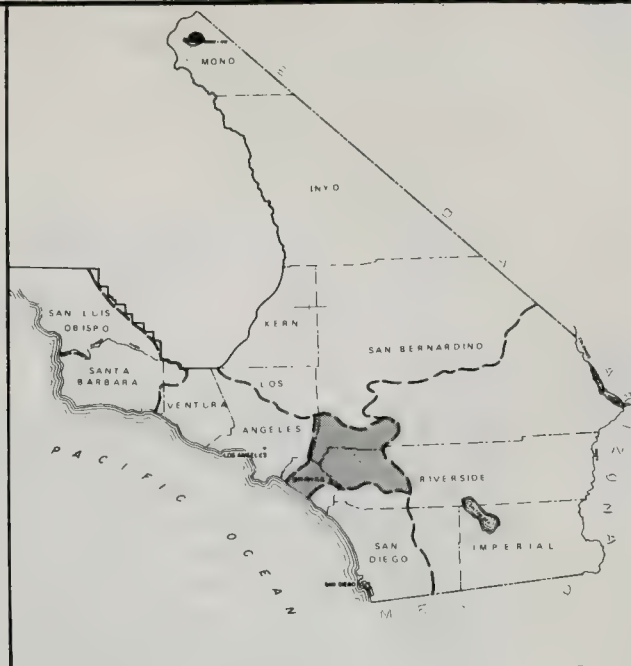




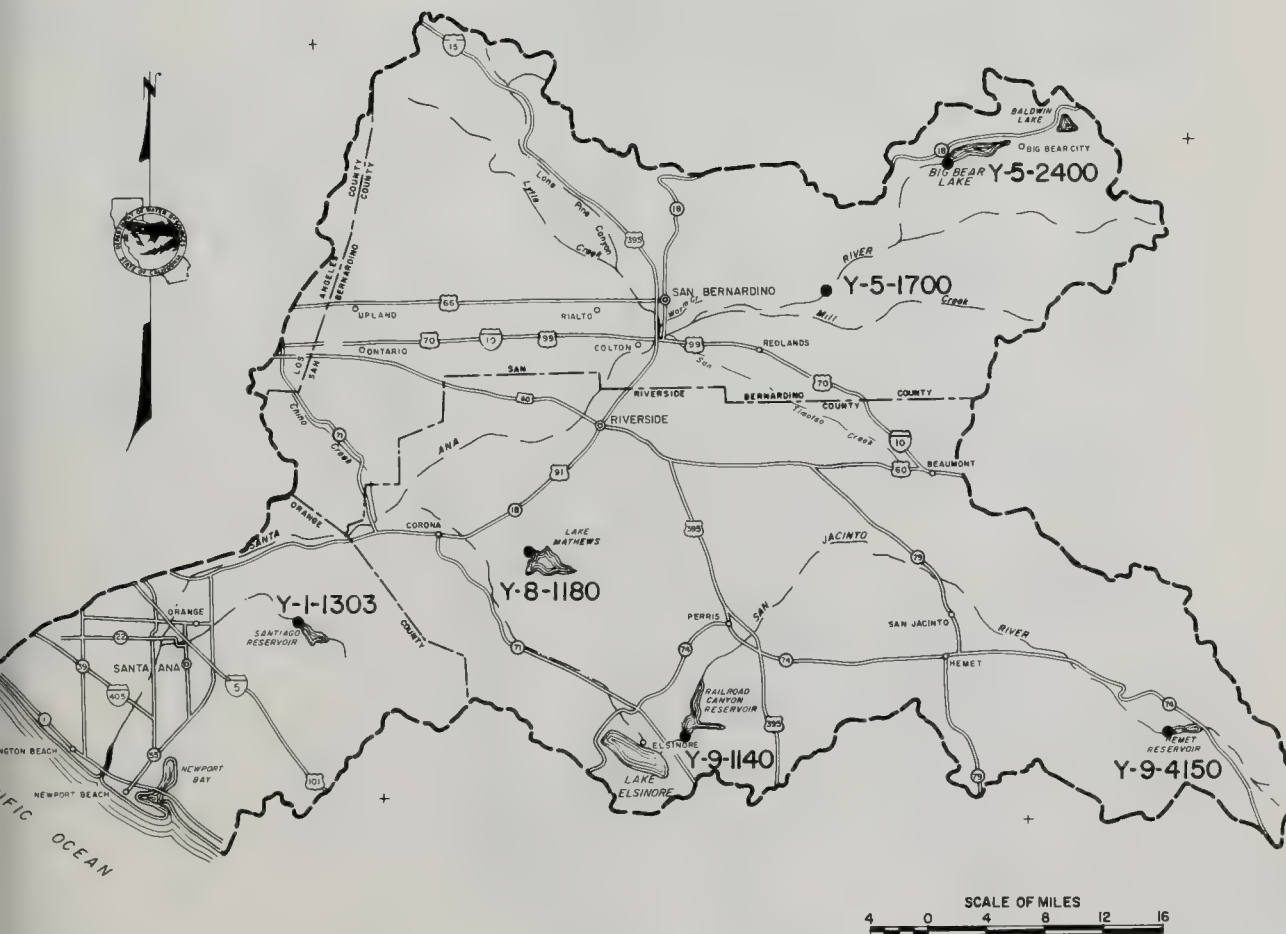
SURFACE WATER MEASUREMENT STATIONS

SANTA ANA AREA

Y-1-1303	Santiago Reservoir Near Orange
Y-5-1700	Santa Ana River Near Mentone
Y-5-2400	Bear Valley (Big Bear Lake Near Big Bear Lake)
Y-8-1180	Lake Mathews Near Arlington
Y-9-1140	Railroad Canyon Reservoir Near Elsinore
Y-9-4150	Lake Hemet Near Idyllwild



KEY MAP



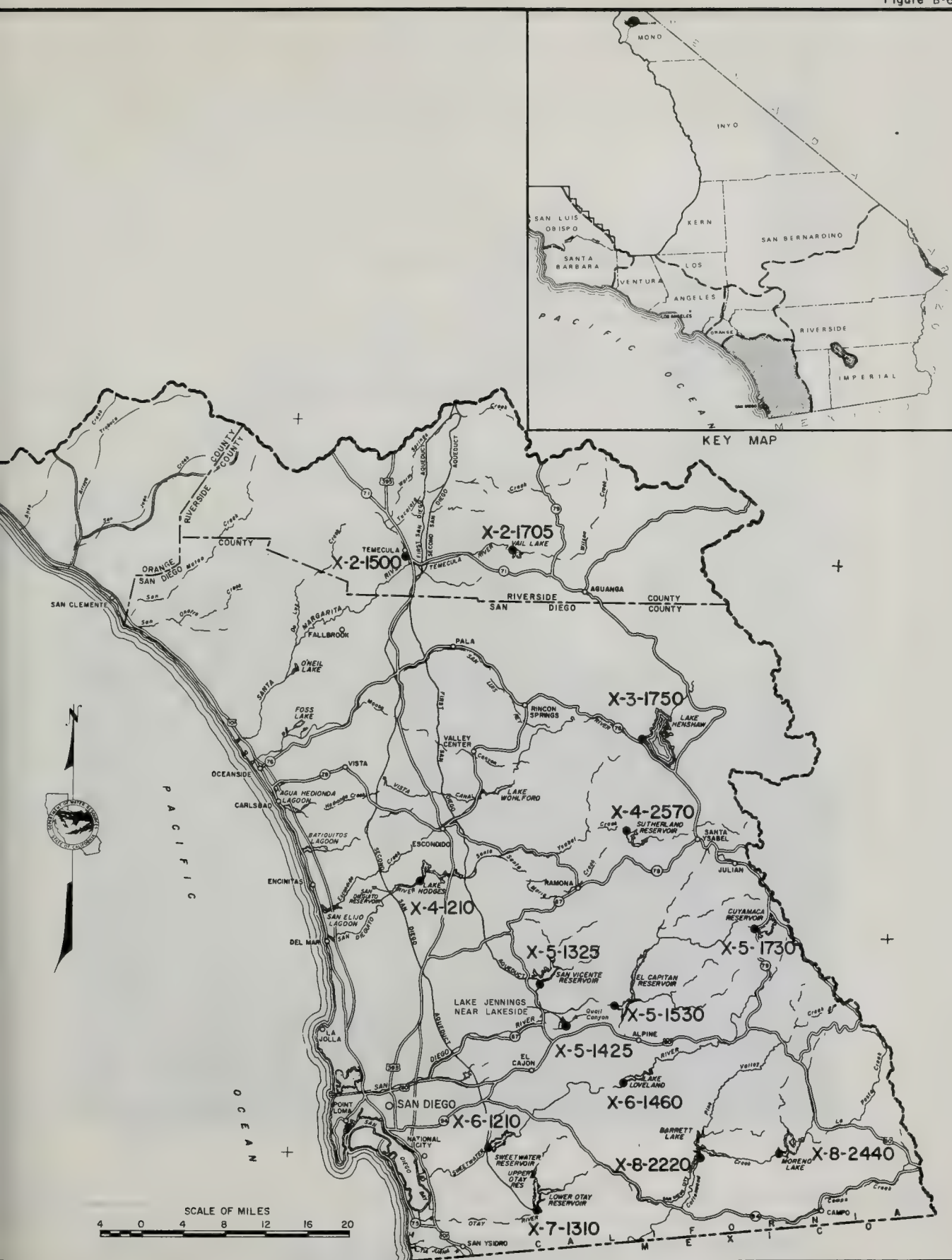
LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SANTA ANA AREA

# SURFACE WATER MEASUREMENT STATIONS

## SAN DIEGO AREA

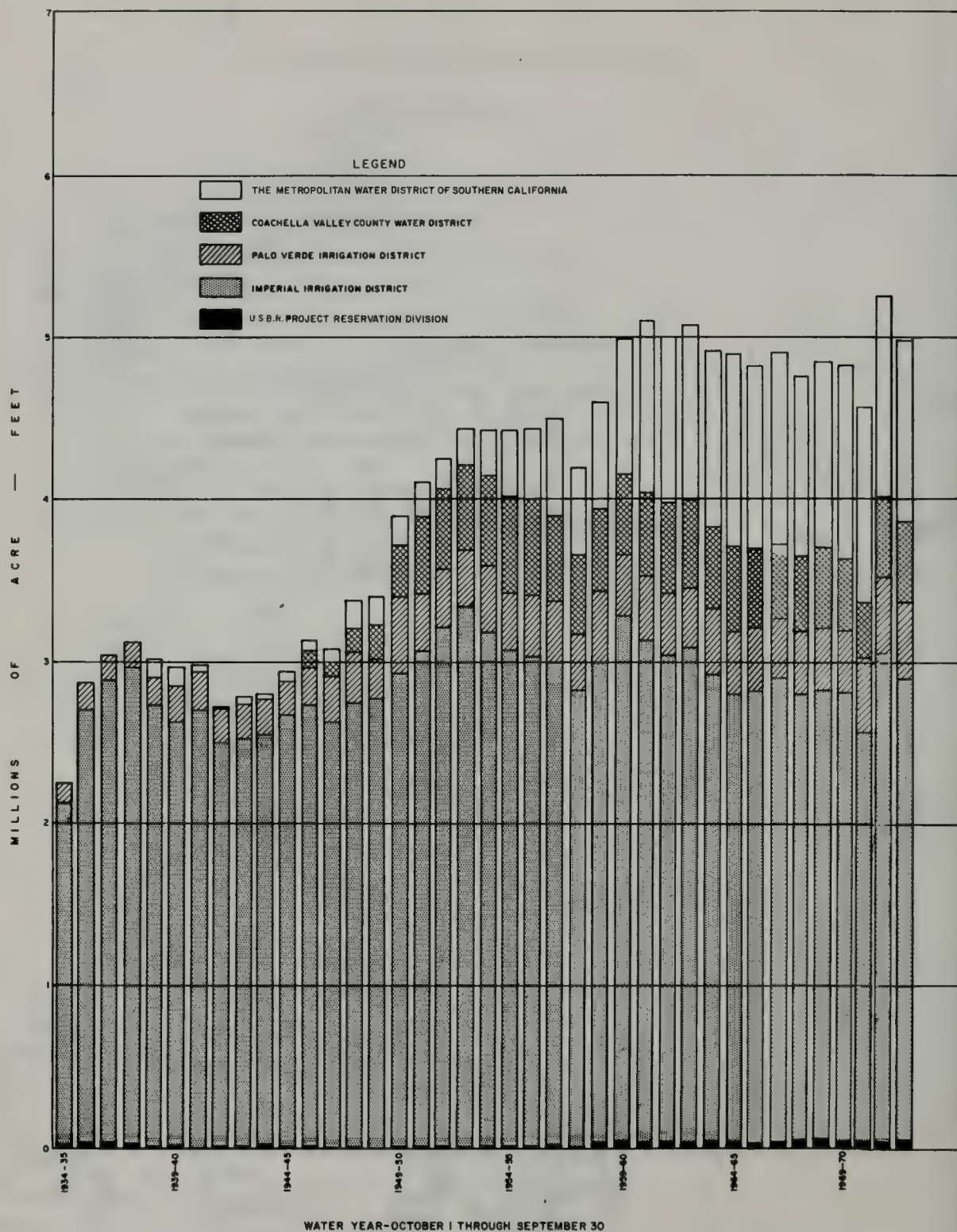
X-2-1500	Murrieta Creek at Temecula
X-2-1705	Vail Lake Near Temecula
X-3-1750	Lake Henshaw Near Warner Springs
X-4-1210	Lake Hodges Near Escondido
X-4-2570	Sutherland Reservoir Near Ramona
X-5-1325	San Vicente Reservoir Near Lakeside
X-5-1425	Lake Jennings Near Lakeside
X-5-1530	El Capitan Reservoir Near Lakeside
X-5-1730	Cuyamaca Reservoir Near Julian
X-6-1210	Sweetwater Reservoir Near National City
X-6-1460	Lake Loveland Near Alpine
X-7-1310	Lower Otay Reservoir Near Otay
X-8-2220	Barrett Lake Near Barrett Junction
X-8-2440	Morena Lake Near Campo





LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SAN DIEGO AREA

Figure B-7



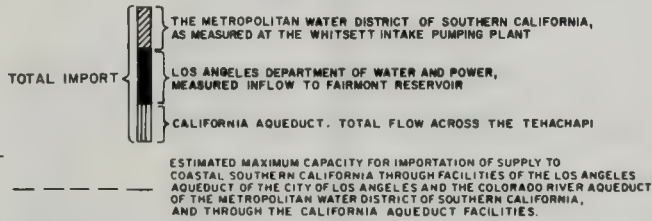
## HISTORICAL NET DIVERSIONS OF WATER TO SOUTHERN CALIFORNIA FROM THE COLORADO RIVER

4,783,000 ACRE-FEET

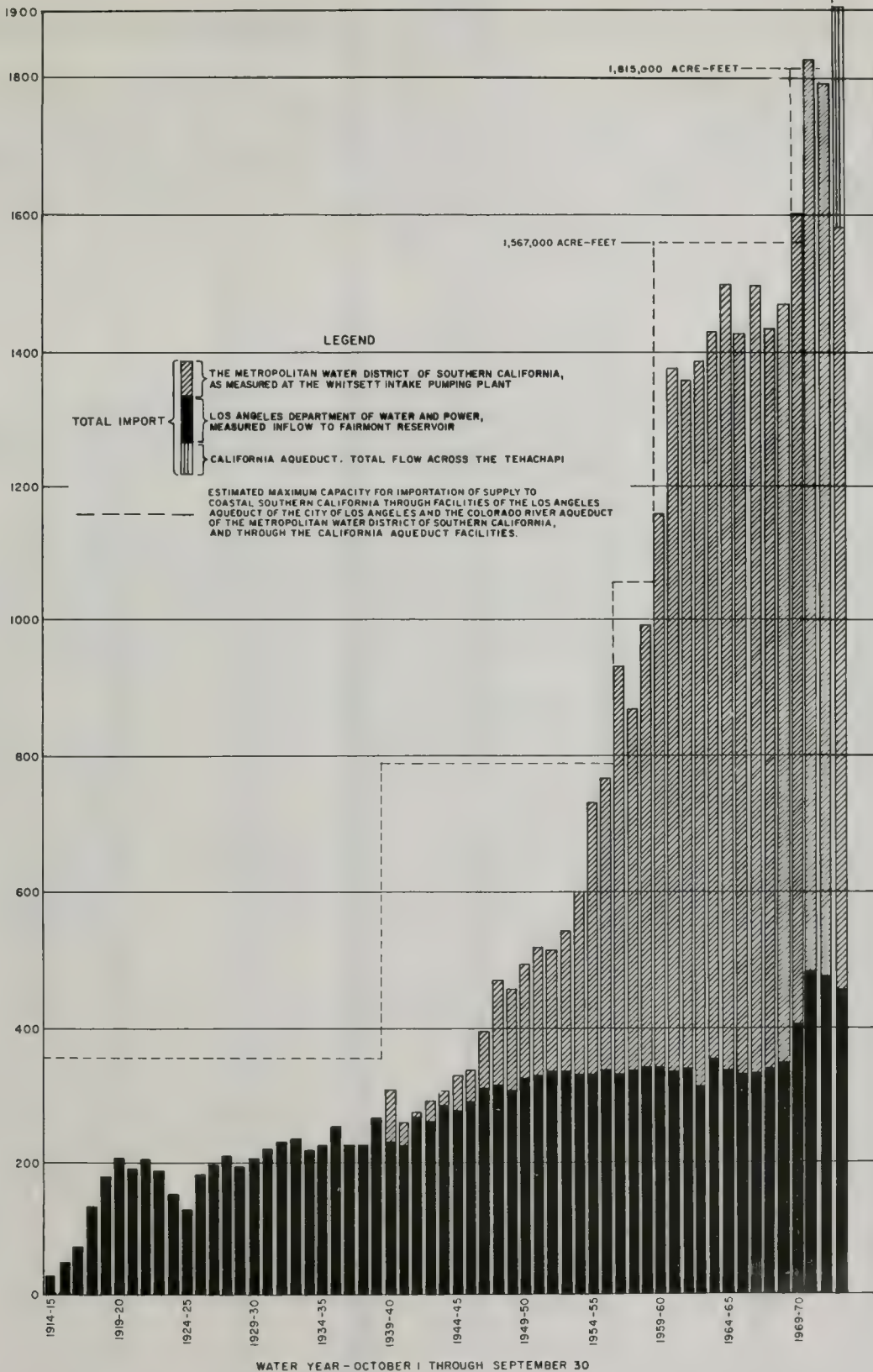
1,815,000 ACRE-FEET

1,567,000 ACRE-FEET

## LEGEND



IMPORTATION IN THOUSANDS OF ACRE- FEET





**TABLE B-1**  
**ANNUAL UNIMPAIRED RUNOFF AT SELECTED STATIONS IN SOUTHERN CALIFORNIA**  
 In percent of average

Water Year	Owens River below Long Valley Dam	Big Rock Cr. near Valyermo	Sespe Cr. near Fillmore**	Arroyo Seco near Pasadena	Santa Ana R. near Mentone	Murrieta Cr. at Temecula	Arroyo Grand at Arroyo Grand
Average Annual Runoff*	141,389	12,211	79,963	6,639	54,182	6,781	15,420
1920-21	106	99	47	48	99	43	20
1921-22	141	319	378	383	308	305	241
1922-23	120	110	47	48	130	65	33
1923-24	77	34	13	13	94	47	7
1924-25	83	23	16	16	78	7	14
1925-26	87	100	92	93	87	27	149
1926-27	107	131	101	102	185	475	191
1927-28	80	45	24	19	67	9	55
1928-29	70	32	24	21	57	8	21
1929-30	71	50	22	24	58	32	14
1930-31	52	35	21	23	45	14	5
1931-32	97	129	104	80	120	195	211
1932-33	82	49	40	41	64	15	37
1933-34	66	39	65	44	58	6	47
1934-35	92	146	105	136	70	30	10
1935-36	99	41	66	54	71	35	71
1936-37	114	185	214	174	205	320	255
1937-38	175	270	299	329	312	465	335
1938-39	105	87	58	71	114	74	57
1939-40	102	71	41	60	96	95	62
1940-41	117	298	470	380	160	461	425
1941-42	124	57	53	37	93	22	139
1942-43	114	252	213	320	136	462	296
1943-44	92	198	179	207	103	110	101
1944-45	119	86	68	88	109	69	78
1945-46	109	119	81	75	100	42	35
1946-47	89	131	57	89	76	19	23
1947-48	79	38	10	18	58	10	12
1948-49	72	34	11	19	64	10	17
1949-50	78	28	21	23	51	8	32
1950-51	86	11	4	8	41	7	25
1951-52	129	144	188	174	105	362	238
1952-53	90	39	28	22	54	18	64
1953-54	88	57	41	46	78	48	46
1954-55	94	49	21	19	51	14	28
1955-56	121	39	37	33	50	9	112
1956-57	100	36	30	18	48	15	22
1957-58	127	205	283	170	124	210	303
1958-59	90	43	40	24	52	10	37
1959-60	75	17	16	12	46	7	28
1960-61	63	14	8	12	32	5	13
1961-62	102	117	224	99	62	19	125
1962-63	112	28	16	27	33	27	37
1963-64	73	24	17	21	33	4	15
1964-65	104	32	33	34	38	6	37
1965-66	87	201	197	220	122	80	33
1966-67	148	163	196	256	206	27	240
1967-68	92	68	30	79	64	5	24
1968-69	188	413	582	630	431	607	507
1969-70	111	64	70	62	65	40	66
1970-71	94	58	80	68	72	13	53
1971-72	90	43	54	26	49	13	21
1972-73	110	89	184	122	99	48	69

\* Average unimpaired runoff in acre-feet computed from the 50-year period October 1920 through September 1970

\*\* Data prior to October 1927 from DWR Bulletin No. 1. Listed as "Sespe Creek near Sespe".

**TABLE B-1**  
**ANNUAL UNIMPAIRED RUNOFF AT SELECTED**  
**STATIONS IN SOUTHERN CALIFORNIA**

(See opposite page)

Unimpaired runoff is defined as the flow that occurs naturally at a point in a stream if there were: (1) no upstream controls such as dams or reservoirs; (2) no artificial diversions or accretions; and, (3) no change in ground water storage resulting from development. The computed natural, or unimpaired, runoff values are considered to be the flows that would occur if no impairments were upstream from the measurement points.

**TABLE B-2**  
**DAILY MEAN DISCHARGE**

The streamflow table for each stream or stream system is arranged in downstream order. Stations on a tributary entering between two main stem stations are listed between those stations, and in downstream order on that tributary. A stream gaging station is named after the stream and a well-known landmark (West Fork Mojave River at Highway 138 Bridge).

The discharge estimated for periods of no record or invalid record are shown with the letter "E". Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. "No Flow" denotes no trace or no recordable flow.

The discharge figures in this table have been rounded off as follows:

<u>1. Daily flows — second-feet</u>			
0.0	— 9.9	Nearest	Tenth
10	— 999	Nearest	Unit
1,000	— 9,999	Nearest	Ten
10,000	— 99,999	Nearest	Hundred
100,000	— 999,999	Nearest	Thousand
<u>2. Monthly means — second-feet</u>			
0.0	— 99.9	Nearest	Tenth
100	— 9,999	Nearest	Unit
10,000	— 99,999	Nearest	Ten
100,000	— 999,999	Nearest	Hundred
<u>3. Monthly and yearly totals — acre-feet</u>			
0.0	— 9,999	Nearest	Unit
10,000	— 99,999	Nearest	Ten
100,000	— 999,999	Nearest	Hundred
1,000,000	— 9,999,999	Nearest	Thousand

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2250	EAST FORK OF WEST FORK MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.2	1.3	0.9	3.4 E	35	21	9.0	3.2	0.4	0.0	0.0	1
2	0.0	0.3	1.5	0.9	3.4 E	25	19	8.6	3.3	0.4	0.0	0.0	2
3	0.1	0.3	1.6	1.0	5.6	21	18	8.3	3.1	0.3	0.0	0.0	3
4	0.1	0.3	7.8	1.1	6.5	25	17	8.2	2.9	0.3	0.0	0.0	4
5	0.1	0.3	3.5	1.0	5.6	19	16	9.4	2.6	0.3	0.0	0.0	5
6	0.1	0.3	2.8	1.1	43	49	15	8.8	2.4	0.3	0.0	0.0	6
7	0.1	0.3	3.6	1.1	29 *	77	15	8.3	2.3	0.3	0.0	0.0	7
8	0.1	0.4	3.1	1.1	17	57	14	7.8	2.1	0.3	0.0	0.0	8
9	0.1	0.4	2.7	2.1	12	47	14	7.4	1.9	0.3	0.0	0.0	9
10	0.2	0.4	2.5	1.8	27	37	13	6.9	1.8	0.2	0.0	0.0	10
11	0.1	3.2	2.4	1.6	361 *	79	13	6.5	1.9	0.2	0.0	0.0	11
12	0.0	1.1	2.4	1.5	189	60	13	6.1	1.9	0.2	0.0	0.0	12
13	0.0	0.8	2.3	1.5	112 *	47	13	5.8	1.9	0.2	0.0	0.0	13
14	0.1	4.6	2.2	1.5	48 *	39	12	5.5	2.1	0.2	0.0	0.0	14
15	0.1	2.1	2.1	1.5	34	34	12	5.4	2.0	0.2	0.0	0.0	15
16	0.1	16	2.2	10	30	32	11	5.2	2.0	0.2	0.0	0.0	16
17	0.3	4.5	2.4	11	25	29	11	5.1	1.9	0.2	0.0	1.6	17
18	0.2	2.5	2.4	15	22	27	11	7.3	1.7	0.2	0.0	3.1	18
19	1.2	2.1	2.3	25	20	25	11	9.0	1.4	0.2	0.0	1.5	19
20	0.3	1.8	2.3	12	18	40	11	8.7	1.2	0.2	0.0	0.7	20
21	0.3	1.6	2.3	9.1	18 *	39	11	8.6	1.0	0.1	0.0	0.4	21
22	0.2	1.6	2.1	7.4	16	38	10	8.5	0.9	0.1	0.0	0.3	22
23	0.2	1.5	2.0	6.4	15	34	10	6.2	0.8	0.1	0.0	0.2	23
24	0.3	1.5	2.0	5.7	15	35	9.8	3.6	0.7	0.1	0.0	0.1	24
25	0.2	1.5	1.9	5.4	14	37	9.6	3.4 *	0.7	0.1	0.0	0.1	25
26	0.2	1.5	1.8	5.6	13	36	9.0	3.4	0.6	0.1	0.0	0.1	26
27	0.2	1.3	1.8	4.8	15	36	8.8	3.1	0.6	0.1	0.0	0.1	27
28	0.2	1.1	2.0	4.5	15	38	9.2	2.9	0.5	0.1	0.0	0.1	28
29	0.2	1.0	1.8	4.3	30	30	9.9	2.8	0.5 *	0.1	0.0	0.0	29
30	0.2	1.0	1.7	4.2	22	22	9.9	2.9 *	0.4	0.3	0.0	0.0	30
31	0.2		1.7	3.9		20		3.1		0.1	0.0		31
MEAN	0.2	1.9	2.4	5.0	42	38	13	6.3	1.7	0.2	0.0	0.3	MEAN
MAX.	1.2	16	7.8	25	361	79	21	9.4	3.3	0.4	0.0	3.1	MAX.
MIN.	0.0	0.2	1.3	0.9	3.4	19	8.8	2.8	0.4	0.1	0.0	0.0	MIN.
AC. FT.	10	110	147	306	2,352	2,315	747	388	99	12	0.3	17	AC. FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR  
 OBSERVATION OF FLOW MADE THIS DAY.  
 \*\* — E AND R

MEAN DISCHARGE	DISCHARGE	GAUGE HT.	MO.	DAY	TIME	DISCHARGE	GAUGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
9.2	843	6.06	2	11	0800						6,500

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAUGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAUGE HT.	DATE			FROM	TO		
34° 16' 3"	117° 17.5'	SW10 2N 4W	5110	7.10	12/29/65	March 61 - Date	March 61 - Date	3/61	Date	3580.3	USGS
<p>Station is located 2.2 miles east of Cedar Springs on the right bank of the East Fork of the West Fork of Mojave River.</p> <p>Drainage area is 11.5 square miles.</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2280	SAWPIT CANYON CREEK ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.1	0.2	0.4 E	2.8	4.0	1.4	0.5	0.1	0.0	0.1	1
2	0.0	0.0	0.1	0.2	0.4 E	2.6	3.8	1.3	0.5	0.1	0.0	0.0	2
3	0.0	0.0	0.1	0.2	0.6	2.4	3.5	1.3	0.5	0.1	0.0	0.0	3
4	0.0	0.0	0.8	0.2	0.6	2.6	3.3	1.3	0.5	0.1	0.0	0.0	4
5	0.0	0.0	0.3	0.2	0.6	2.3	3.2	1.3	0.4	0.1	0.0	0.1	5
6	0.0	0.0	0.2	0.2	2.5	4.5	3.0	1.1	0.4	0.1	0.0	0.0	6
7	0.0	0.0	0.3	0.2	1.4	5.1	2.9	1.1	0.4	0.1	0.0	0.0	7
8	0.0	0.0	0.3	0.2	1.3 *	4.2	2.7	1.0	0.3	0.1	0.0	0.0	8
9	0.0	0.0	0.2	0.4	1.3	3.4	2.6	1.0	0.3	0.1	0.0	0.0	9
10	0.0	0.1	0.2	0.3	5.2	3.4	2.5	1.0	0.3	0.9	0.0	0.0	10
11	0.0	0.5	0.2	0.3	24	8.4	2.3	0.9	0.3	0.1	0.0	0.0	11
12	0.0	0.1	0.2	0.3	17 *	7.4	2.2	0.9	0.3	0.1	0.0	0.0	12
13	0.0	0.1	0.2	0.2	12	5.9	2.2	0.8	0.3	0.1	0.0	0.0	13
14	0.0	0.8	0.2	0.2	8.1	5.1	2.2	0.7	0.4	0.1	0.0	0.0	14
15	0.0	0.2	0.2	0.2	5.8	4.6	2.1	0.7	0.3	0.1	0.0	0.0	15
16	0.0	1.9	0.2	1.1	2.5	4.2	2.0	0.7	0.3	0.1	0.0	0.0	16
17	0.0	0.5	0.2	1.0	4.9	3.9	1.9	0.7	0.3	0.1	0.0	0.0	17
18	0.0	0.3	0.2	1.7	4.3	3.6	1.9	0.6	0.2	0.1	0.0	0.0	18
19	0.1	0.2	0.2	1.7	3.7	3.4	1.8	0.7	0.2	0.1	0.0	0.0	19
20	0.0	0.2	0.3	0.9	3.4	4.4	1.8	0.6	0.2	0.1	0.0	0.0	20
21	0.0	0.2	0.3	0.7	3.1	3.8	1.7	0.6	0.2	0.1	0.0	0.0	21
22	0.0	0.1	0.3	0.6	2.8	3.7	1.6	0.5	0.2	0.1	0.0	0.0	22
23	0.0	0.1	0.3	0.5	2.6	3.4	1.5	0.5	0.2	0.1	0.0	0.1	23
24	0.0	0.1	0.3	0.5	2.4	3.4	1.5	0.5	0.1	0.1	0.0	0.1	24
25	0.0	0.1	0.3	0.6	2.1	3.6	1.5	0.5 *	0.1	0.1	0.0	0.0	25
26	0.0	0.1	0.3	0.6	2.0	3.7	1.4 *	0.5	0.1	0.1	0.0	0.0	26
27	0.0	0.1	0.2	0.5	1.9	4.0	1.4	0.5	0.1	0.1	0.0	0.0	27
28	0.0	0.1	0.2	0.5	4.4	4.3	1.3	0.5	0.1	0.1	0.0	0.0	28
29	0.0	0.1	0.2	0.4		4.3	1.4	0.4	0.1	0.1	0.0	0.0	29
30	0.0	0.1	0.2	0.4		4.0	1.5	0.4	0.1	0.1	0.0	0.0	30
31	0.0		0.2	0.5		3.9		0.5		0.1	0.0		31
MEAN	0.0	0.2	0.2	0.5	4.4	4.1	2.2	0.8	0.3	0.1	0.0	0.0	MEAN
MAX.	0.1	1.9	0.8	1.7	24	8.4	4.0	1.4	0.5	0.1	0.0	0.1	MAX.
MIN.	0.0	0.0	0.1	0.2	0.4	2.3	1.3	0.4	0.1	0.1	0.0	0.0	MIN.
AC. FT.	1	12	14	31	241	250	132	49	16	5	1	2	AC. FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
# — E AND R

MEAN DISCHARGE	MAXIMUM	MINIMUM	TOTAL
1.1	DISCHARGE 60 GAGE HT. 2.36 MO. 2 DAY 11 TIME 0645	DISCHARGE GAGE HT. MO. DAY TIME	ACRE FEET 754

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 16.7'	117° 20.2'	NE7, 2N/4W	800	3.30'	12/6/66	July 69 - Date	Oct 62 to Feb 69	10/62 7/69	2/69 Date	3423.73 1.06	USGS Local
<p>Station is located 2.3 miles south of Cedar Springs Dam on right bank of Sawpit Canyon Creek.</p> <p>Drainage area is 1.4 square miles.</p> <p>NOTE Staff gage destroyed in February 1969 storm. Relocated 50 feet downstream from previous site.</p>											

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2285	WEST FORK MOJAVE RIVER AT HIGHWAY 138 BRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.5	1.5	21	14 E	4.8	1.9	0.1	0.0	0.0	1
2			NO FLOW	0.5	1.5	18	14 E	4.6	1.7	0.0	0.0	0.0	2
3		N		0.5	1.9	16	13	4.4	1.7		0.0	0.0	3
4		O	1.0	0.6	1.7	17	13	4.3	1.5		0.0	0.0	4
5			0.3	0.5	1.6	14	12	4.8	1.3		0.0	0.0	5
6		F	0.2	0.4	16	24	11	4.4	1.1		0.0	0.0	6
7		L	0.7	0.4	11 *	41	11	4.2	1.0		0.0	0.0	7
8		O	0.7	0.4	7.2	29	10	4.0	1.0		0.0	0.0	8
9		W	0.5	0.9	5.6	25 *	10	3.8	0.9		0.0	0.0	9
10			0.4	0.7	107	21	9.0	3.6	0.8		0.0	0.0	10
11			0.3	0.6	502 *	63	8.8	3.4	0.8		0.0	0.0	11
12	N		0.3	0.6	71	56	8.4	3.3	0.8	N	0.0	0.0	12
13	O		0.3	0.6	55	39	8.2	3.1	0.8	O	0.0	0.0	13
14		0.1	0.2	0.6	35	27	8.0	4.1	0.9		0.0	0.0	14
15		NO FLOW	0.2	0.6	27 *	30	7.7	6.0	0.9		0.0	0.0	15
16		2.0	0.2	4.5	24	18 *	7.3	5.8	0.9		0.0	0.0	16
17	F	0.2	0.3	6.4	21	18	7.1	5.5	0.9	F	0.0	0.0	17
18	L		0.3	9.2	18	16	6.9	5.2	0.8	L	0.0	0.0	18
19	O		0.4	14	16	17	6.7	5.4	0.6	O	0.0	0.0	19
20	W		0.4	7.1	15	35	6.4	4.1	0.5	W	0.0	0.0	20
21		N	0.7	5.2	15	35	6.1	2.5	0.8		0.0	0.0	21
22		O	0.7	4.1	14	33 *	5.9	2.4	0.8		0.0	0.0	22
23			0.7	3.4	14	28	5.7	2.3	0.3		0.0	0.0	23
24			0.7	3.0	14	27	5.5	2.3	0.3		0.0	0.0	24
25			0.6	2.9	14	30	5.3	2.4 *	0.2		0.0	0.0	25
26		F	0.6	2.5	14	25	5.1	2.3	0.2		0.0	0.0	26
27	L		0.6	2.2	16	25	4.9 *	2.0	0.2		0.0	0.0	27
28	O		0.8	2.0	32 *	25	4.7	1.7	0.2		0.0	0.0	28
29	W		0.6	1.8		23	4.9	1.6	0.5		0.0	0.0	29
30			0.5	1.9		21	5.0	1.6	0.2		0.0	0.0	30
31			0.5	1.6		20		1.7			0.0	0.0	31
MEAN		0.1	0.5	2.6	38.3	27.6	8.2	3.6	0.8	0.0	0.0	0.0	MEAN
MAX		2.0	1.0	14.	502.	63	14.	6.0	1.9	0.1	0.0	0.0	MAX.
MIN.				0.4	1.5	14	4.7	1.6	0.2		0.0	0.0	MIN.
AC. FT.		4	27	157	2,127	1,633	1,485	221	48	0	0	0.0	AC. FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
— E AND R

MEAN
DISCHARGE
6.7

MAXIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME
1,305	5.63	2	11	0600

MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL
ACRE FEET
4704

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CF5	GAGE HT.	DATE			FROM	TO		
34° 17.5'	117° 21.2'	NE1 2N SW	1,305	5.63	12/11/73	Oct. 71 - Date	Oct. 71 - Date	6/61	Date	3390 6'	USGS
STATION INSTALLED 6/16/71											
Station is located on the West Fork of the Mojave River, about 400 feet west of the Intersection of Cleghorn Canyon Road and Highway 138.											
Drainage area is 7.2 square miles.											

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2300	WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		NO FLOW	0.1	0.6	1.0 E	11	10 E	3.0	0.9 E	0.2	0.0	0.0	1
2		0.0	0.1	0.6	1.0 E	8.5	9.2 E	2.8	0.8 E	0.2	0.0	0.0	2
3		0.0	0.1	0.6	1.0 E	7.0	8.1 E	2.5	0.8 E	0.2	0.0	0.0	3
4		0.0	0.9	0.6	1.0 E	8.1	7.5	2.4	0.7 E	0.1	0.0	0.0	4
5		0.0	0.7	0.6	1.0 E	6.5	7.3	2.9	0.6 E	0.1	0.0	0.0	5
6	N	0.0	0.6	0.6	6.3	13	6.9	2.5	0.6	0.1	0.0	0.0	6
7	O	0.0	0.8	0.5	4.9	17	6.5	2.3	0.6	0.1	0.0	0.0	7
8		0.0	0.8	0.5	3.2	15	6.0	2.2	0.6	0.1	0.0	0.0	8
9		0.0	0.6	0.8	2.5	14	5.6	2.0	0.6	0.1	0.0	0.0	9
10		0.0	0.6	0.7	32	11	5.3	1.9	0.6	0.1	0.0	0.0	10
11	F	0.1	0.6	0.6	178	35	5.0	1.8	0.5	0.1	0.0	0.0	11
12	L	0.1	0.5	0.6	38	24	4.9	1.7	0.5	0.1	0.0	0.0	12
13	O	0.1	0.5	0.6	27	19	4.9	1.6	0.5	0.1	0.0	0.0	13
14	W	0.2	0.5	0.6	19	15	4.8	1.5	0.6	0.1	0.0	0.0	14
15		0.1	0.5	0.6	14	13	4.6	1.5	0.6	0.1	0.0	0.0	15
16		1.6	0.5	2.4	11	11	4.4	1.3	0.6	0.1	0.0	0.0	16
17		0.7	0.5	3.6	9.0	10	4.2	1.3	0.6	0.1	0.0	0.0	17
18		0.4	0.5	4.4	7.5 E	9.3	4.0	1.2	0.5	0.1	0.0	0.0	18
19	0.0	0.3	0.6	6.2	7.5 E	8.5	4.0	1.2	0.5	0.1	0.0	0.0	19
20	0.0	0.3	0.7	3.1	6.4 E	15	3.9	1.1	0.4	0.1 E	0.0	0.0	20
21	0.0	0.2	0.9	2.3	5.7 E	14 E	3.7	1.0	0.4	0.1 E	0.0	0.0	21
22	0.0	0.2	0.9	1.9	5.4 E	14 E	3.5	1.0	0.4	0.1 E	0.0	0.0	22
23	0.0	0.2	1.0	1.7	5.1 E	12 E	3.4	1.0	0.3	0.1 E	0.0	0.0	23
24	0.0	0.2	0.9	1.5	4.8 E	14 E	3.3	1.0	0.3	0.0	0.0	0.0	24
25	0.0	0.2	0.8	1.5	4.6 E	13 E	3.1	1.0	0.3	0.0	0.0	0.0	25
26	0.0	0.1	0.8	1.3	4.3 E	13 E	3.1	1.1	0.3	0.0	0.0	0.0	26
27	0.0	0.1 E	0.8	1.3	4.6 E	13 E	3.0	1.1	0.3	0.0	0.0	0.0	27
28	0.0	0.1	0.8	1.2	18.7 E	13 E	3.0	1.1	0.2	0.0	0.0	0.0	28
29	0.0	0.1	0.7	1.2		13 E	3.2	1.1	0.2	0.0	0.0	0.0	29
30	0.0	0.1	0.7	1.1		12 E	3.2	1.2	0.2	NO FLOW	0.0	0.0	30
31	0.0		0.6	1.1		11 E		1.4			0.0	0.0	31
MEAN	0.0	0.2	0.6	1.5	15.2	13	5.0	1.6	0.5	0.1	0.0	0.0	MEAN
MAX.	0.0	1.6	1.0	6.2	178	35	10 E	3.0	0.9	0.2	0.0	0.0	MAX.
MIN.			0.1	0.5	1.0	6.5	3.0	1.0	0.2	0.0	0.0	0.0	MIN.
AC FT.	1	11	39	89	84	821	297	101	30	5	8	8	AC FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR  
 OBSERVATION OF FLOW MADE THIS DAY.  
 — E AND R

MEAN DISCHARGE	MAXIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME	TOTAL ACRE FEET
3.2	559	3.84	2	11	0245						2,235

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1 4 SEC T. & R. M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
34° 17.1'	117° 22.5'	SW2 2N 5W	2,820	7.6'	12 29 65	Feb. 61 - Date	Feb. 61 - Date	2.61	3.67	3552'	USGS
								3.67	12.68	3550'	USGS
								12.68	- Date	3552'	USGS
<p>Station is located 2.6 miles west of Cedar Springs on the left bank of the West Fork of Mojave River.</p> <p>Drainage area is 3.2 square miles.</p>											



# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-2-3750	PIRU CREEK ABOVE FRENCHMANS FLAT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.1 E	10	16	3.6	18	320 E	70 *E	49 *E	17 E	14 *E	16 *E	3.0 *E	1
2	0.1 *E	11	16	3.6 *	18	320 E	68	0 E	17 E	14 E	13 E	3.0 E	2
3	1.8	0.8	16	3.6	18	320 E	65 E	0 E	17 E	14 E	13 E	3.0 E	3
4	4.8	0.3	16	3.6	18	320 E	62 E	0 E	17 E	14 E	13 E	3.0 E	4
5	3.2	0.2	11	3.6	18	320 E	59 *E	20 E	17 E	14 E	13 E	3.0 E	5
6	1.8	1.4	4.1	3.6	107 *	320 E	64 E	10 E	17 E	14 E	13 E	3.0 E	6
7	0.8	4.4	4.2 *	3.6	320	230 E	68 E	12 E	17 *E	15 E	13 E	3.0 E	7
8	3.0	3.3	4.1	3.6	320	160 E	72 E	12 E	17 E	15 E	13 E	3.0 E	8
9	2.3	4.2	4.1	3.6	207	160 E	77 E	13 *E	17 E	15 E	13 E	3.0 E	9
10	1.6	3.3 *	3.7	3.6	185	160 E	81 E	13 E	17 E	15 E	13 *E	3.0 E	10
11	1.5	0.8	3.6	3.6 *	452 E	160 E	85 E	13 E	14 E	15 *E	13 E	3.0 *E	11
12	2.5 *	3.3	4.3	3.6	700 E	97 *E	90 E	13 E	12 E	15 E	13 E	3.0 E	12
13	2.6	9.1 *	3.6	3.6	369 E	58 E	94 *E	13 E	12 E	15 E	13 E	2.9 E	13
14	3.5	33 *	3.6	3.6	358 E	58 E	89 E	13 *E	12 *E	15 E	13 *E	2.9 E	14
15	3.6	49	3.4	3.6	320 E	58 E	83 E	13 E	12 E	15 E	13 E	2.8 E	15
16	3.0	45 *	3.0	6.0	320 E	58 E	78 E	11 E	12 E	15 E	13 E	2.8 E	16
17	2.6 E	45	3.0	42	320 E	58 E	72 E	13 E	12 E	15 *E	13 E	2.8 E	17
18	2.6 E	38	3.0 *	79	320 E	58 E	67 E	14 E	13 E	15 E	13 E	2.7 E	18
19	2.6 E	41	3.0	146 *	223 E	58 E	61 E	15 E	13 E	15 E	13 E	2.7 E	19
20	2.6 *E	30	4.2	70	161 E	58 *E	56 *E	16 E	13 E	15 E	13 E	2.6 E	20
21	2.6	16 E	3.7	48	161 *E	50 E	57 E	17 *E	13 *E	15 E	13 *E	2.6 *E	21
22	3.6	16 E	3.6	48 *	161 E	67 *E	58 E	17 E	13 E	15 E	13 E	2.6 E	22
23	3.6	16 E	3.6	31 *	161 *E	95 E	60 E	17 E	13 E	15 E	13 E	2.7 E	23
24	3.6	16 E	4.4	20	157 E	143 E	61 E	17 E	13 E	15 E	13 E	2.7 E	24
25	3.3	16 E	4.6	20	157 E	144 E	62 E	17 *E	13 E	15 E	13 E	2.7 E	25
26	3.0	16 E	4.1	18 *	157 E	89 E	63 *E	17 E	13 E	16 E	13 E	2.8 E	26
27	3.0 *	16 E	3.7	18	100 E	86 E	60 E	17 E	14 E	16 E	13 E	2.8 E	27
28	2.6	16 E	5.0	18	320 E	82 E	58 E	17 E	13 E	16 E	8.9 E	2.9 E	28
29	2.6	16	5.7	18		79 E	88 E	17 E	14 E	16 E	4.5 E	2.9 E	29
30	2.2	16	4.8	18		76 E	107 E	17 E	14 E	16 E	3.0 E	2.9 E	30
31	2.6		4.1	18		73 E		17 *E		16 E	3.0 E		31
MEAN	2.6 E	16.5 E	5.7	21.8	220 E	140 E	71.2 E	14.5 E	14.3 E	15.0 E	12.0 E	2.9 E	MEAN
MAX.	4.8 E	49	16	146	700 E	320 E	107 E	49 E	17 E	16 E	16 E	3.0 E	MAX.
MIN.	0.1 E	0.2 E	3.0	3.6	18 E	50 E	56 E	0.0 E	12 E	14 E	3.0 E	2.6 E	MIN.
AC FT.	157 E	980 E	350	1,340	12,200 E	8,598 E	4,235 E	893 E	849 E	922 E	741 E	170 E	AC FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR  
 OBSERVATION OF FLOW MADE THIS DAY.  
 — E AND R

MEAN DISCHARGE
45 E

MAXIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET
31,440 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 37.8'	118° 44.8'	NW11 6N 18W	36,000 EST	16±	2/25/69	Dec. 63-Date	Dec. 63-Date	12/63 9/69	02/69 Date	0.50 2,093.3	Local USC & GS
Station is located 13 miles north of Castaic on Old Highway 99 (Templin Highway off-ramp) on the east embankment adjacent to a concrete lined channel 1½ miles below Pyramid Dam.								STATION DESTROYED 2/69 STATION RECONSTRUCTED 9/69 STATION DESTROYED 2/73 TO BE RECONSTRUCTED 1973-74 WATER YEAR			
Drainage Area is 297.0 square miles.						NOTE This station is also known locally as "PIRU CREEK BELOW PYRAMID MOUNTAIN".					

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z. 2. 3770	CANADA DE LOS ALAMOS BELOW APPLE CANYON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.2	1.1 *	1.7 *	2.2	1.8 *	1.9 *	1.7 *	1.4 *	1.4 *	0.8 *	0.8 *	1.1 *	1
2	1.2 *	1.1	1.8	2.2 *	1.8	1.9	1.7	1.4	1.4	0.8	0.8	1.1	2
3	1.2	1.1	1.9	2.2	1.8	1.9	1.6	1.4	1.4	0.9	0.9	1.2	3
4	1.2	1.2	2.0 *	2.2	1.8	1.9	1.5	1.4	1.4	0.9	0.9	1.2	4
5	1.2	1.2	2.0	2.2	2.5	1.9	1.5 *	1.3	1.4	1.0	0.9	1.2	5
6	1.2	1.2	2.0	2.1	7.5	1.9	1.5	1.3	1.4	1.0	1.0	1.2	6
7	1.2	1.2	2.0	2.1	5.0	2.0	1.6	1.3	1.4 *	1.0	1.0	1.2	7
8	1.2	1.3	2.0	2.0	2.0	1.9	1.6 *	1.3 *	1.4	1.1	1.0	1.2	8
9	1.2	1.3	2.0	2.0	2.0	1.9	1.6	1.3	1.4	1.1	1.1	1.2	9
10	1.2	1.3 *	2.0	2.0	4.0	2.0	1.7	1.3	1.4	1.2	1.1 *	1.2	10
11	1.2	1.3	2.0	2.0 *	10	5.4 *	1.7	1.3	1.3	1.2 *	1.1	1.2 *	11
12	1.2 *	1.3	1.9	2.0	5.0	2.0	1.8	1.3	1.3	1.2	1.1	1.2	12
13	1.2	1.3	1.9	2.0	2.0	2.0	1.8 *	1.3	1.3	1.2	1.1	1.3	13
14	1.2	10 *	1.9	2.0	2.0	2.0	1.8	1.3 *	1.3 *	1.2	1.2	1.3	14
15	1.1	6.0	1.9	2.0	2.0 *	1.7	1.7	1.3	1.3	1.2	1.2	1.3	15
16	1.1	3.0 *	1.9	5.0	2.0	1.7	1.7	1.4	1.3	1.2	1.2	1.4	16
17	1.1	2.0	1.9	2.0	2.0	1.7	1.7	1.4	1.2	1.2 *	1.2	1.4	17
18	1.0	1.9	1.9 *	2.0	2.0	1.7	1.6	1.5	1.2	1.2	1.3	1.4	18
19	1.0	1.8	1.9	5.0	2.0	1.7	1.6	1.5	1.1	1.2	1.3	1.5	19
20	1.0 *	1.7	1.9	3.5	2.0	3.0 *	1.6 *	1.6	1.1	1.1	1.3	1.5	20
21	1.0	1.7	1.9	2.0	2.0	2.0	1.6	1.6	1.1 *	1.1	1.3 *	1.5 *	21
22	1.1	1.7	2.0	2.0 *	2.0	1.9 *	1.6	1.6	1.1	1.1	1.3	1.5	22
23	1.2	1.7	2.0	2.0	2.0	1.7	1.6	1.5	1.0	1.1	1.3	1.5	23
24	1.2	1.7	2.0	2.0	2.0	1.7	1.5	1.5	1.0	1.0	1.2	1.5	24
25	1.3	1.7	2.0	1.9	2.0	1.6	1.5	1.5 *	1.0	1.0	1.2	1.5	25
26	1.4	1.7	2.1	1.8 *	2.0	1.6 *	1.5 *	1.5	1.0	1.0	1.2	1.5	26
27	1.4 *	1.7	2.1	1.8	1.9	1.6	1.5	1.5	0.9	1.0	1.2	1.5	27
28	1.4	1.7	2.1	1.8	1.9	1.6	1.5	1.5	0.9	0.9	1.2	1.5	28
29	1.3	1.7	2.1	1.8		1.6	1.4	1.4	0.9	0.9	1.2	1.5	29
30	1.2	1.7	2.2	1.8		1.7	1.4	1.4	0.8	0.9	1.2	1.5	30
31	1.1		2.2	1.8		1.7		1.4		0.8	1.2		31
MEAN	1.2	2.0	2.0	2.3	2.8	2.0	1.5	1.4	1.2	1.0	1.1	1.3	MEAN
MAX.	1.4	10	2.2	5.0	10	5.4	1.8	1.6	1.4	1.2	1.3	1.5	MAX.
MIN.	1.0	1.1	1.7	1.8	1.8	1.6	1.4	1.3	0.8	0.8	0.8	1.1	MIN.
AC. FT.	73	118	121	141	153	120	92	87	72	64	69	80	AC FT.

Discharges shown are prorated between measurements.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
— — E AND R

MEAN DISCHARGE	MAXIMUM	MINIMUM	TOTAL
1.6 E	DISCHARGE GAGE HT. MO. DAY TIME	DISCHARGE GAGE HT. MO. DAY TIME	ACRE FEET 1,190 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 40' 6"	118° 47' 0"	SW22 7N 18W	1,200 EST	3±	01 21/69	3.65 - 12.71	3/65 - 12/71	3/65	12/71	0.40	Local
								STATION DESTROYED		3/69	
								STATION RECONSTRUCTED		11/69	
								STATION DESTROYED		1/72	
Station is located 0.5 miles south of Hungry Valley offramp (Interstate 5).											
Beginning 1/1/72 discharge computed from measurements and observations near the site of former station.											
Drainage area is 62.0 square miles.											

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-23790	PIRU CREEK BELOW BUCK CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	3.5 *	4.7 *	5.3	12 *	278 *	68 *	68 *	14 *	2.8 *	1.1 *	1.5 *	1
2	1.9 *	3.5	5.2	5.3 *	11	235	66	46	13	2.8	1.2	1.5	2
3	2.0	3.6	5.6	5.3	10	192	63	44	12	2.8	1.2	1.5	3
4	2.1	3.6	6.0 *	5.3	10	149	60	42	12	2.8	1.3	1.5	4
5	2.2	3.7	6.1	5.3	15	107 *	58 *	40	11	2.8	1.3	1.5	5
6	2.3	3.7	6.2	5.3	310	106	62	38	10	2.8	1.4	1.5	6
7	2.4	3.8	6.4 *	5.3	590	104 *	66	36	9.2 *	2.7	1.4	1.5	7
8	2.4	3.8	6.4	5.3	98	120	70	34 *	8.9	2.7	1.5	1.5	8
9	2.5	3.9	6.4	14 E	50	110	75	33	8.7	2.7	1.5	1.5	9
10	2.6	3.9 *	6.3	12 E	150	105	79	32	8.4	2.7	1.6 *	1.5	10
11	2.6	4.0	6.3	10 *	2,700	100 *	83	31	8.2	2.7 *	1.6	1.5 *	11
12	2.7 *	4.1	6.2	10	700	105 *	80	30	7.9	2.7	1.6	1.6	12
13	2.7	4.2	6.2	10	250	96	92 *	29	7.6	2.7	1.6	1.6	13
14	2.8	15 *	6.1	10	210	86	87	28 *	7.4 *	2.7	1.6	1.7	14
15	2.9	10	6.1	10	180	76 *	81	27	7.1	1.7	1.6	1.8	15
16	3.0	20 *	6.0	12	155 *	75	76	26	6.7	2.7	1.6	1.8	16
17	3.1	10	6.0	30	140	75	70	25	6.4	2.7 *	1.7	1.9	17
18	3.2	4.7	6.0 *	125	125	75	65	24	6.0	2.6	1.7	1.9	18
19	3.3	4.7	6.0	125 *	110	75	59	23	5.7	2.5	1.7	2.0	19
20	3.3 *	4.7	5.9	75	96	123 *	54 *	22	5.4	2.4	1.7	2.1	20
21	3.3	4.7	5.9	50	82 *	100	55	21 *	5.0 *	2.3	1.7 *	2.1 *	21
22	3.3	4.7	5.8	26 *	72	90 *	56	20	4.8	2.2	1.7	2.1	22
23	3.3	4.7	5.8	24	62 *	90	50	19	4.6	2.0	1.7	2.0	23
24	3.4	4.7	5.7	22	52	88	59	18	4.3	1.9	1.7	2.0	24
25	3.4	4.7	5.7	20	42	89	60	17 *	4.1	1.8	1.6	2.0	25
26	3.4	4.7	5.6	19 *	32	87 *	61 *	17	3.9	1.7	1.6	1.9	26
27	3.4	4.7	5.6	18	97	86	58	16	3.7	1.6	1.6	1.9	27
28	3.4	4.7	5.5	17	989	80	56	16	3.5	1.5	1.6	1.9	28
29	3.4	4.7	5.5	16		77	53	15	3.2	1.4	1.5	1.8	29
30	3.5	4.7	5.4	15		74	51	15	3.0	1.3	1.5	1.8	30
31	3.5		5.4	14		71		14		1.2	1.5		31
MEAN	2.9	5.5	5.9	23.4	262	107	66.3	27.3	7.2	2.4	1.5	1.7	MEAN
MAX.	3.5	20	6.4	125	2,700	278	92	48	14	2.8	1.7	2.1	MAX.
MIN	1.9	3.5	4.7	5.3	10	71	51	14	3.0	1.2	1.1	1.5	MIN.
AC. FT.	177	328	361	1,441	14,580	6,589	3,945	1,678	428	145	94	104	AC. FT.

Discharges shown are prorated between measurements.

E - ESTIMATED  
NR - NO RECORD  
\* - DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
- - E AND R

MEAN  
DISCHARGE  
43 E

MAXIMUM  
DISCHARGE GAGE HT. MO. DAY TIME

MINIMUM  
DISCHARGE GAGE HT. MO. DAY TIME

TOTAL  
ACRE FEET  
29,870 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 40' 0"	118° 49.4'	SE30 7N 18W									
<p>There is no station on the site at the present time, but one will be installed soon. Estimated installation Water-year 1974.</p> <p>Drainage Area is 195 square miles.</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2330	ELIZABETH LAKE CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.3 E	0.4 E	1.3 *	1.3	2.8 *	31 *	20 *	10 *	4.3 *	0.6 *	0.3 *	0.3 *	1
2	0.3 E	0.4 E	1.3	1.3 *	2.7	25	20	9.0	4.3	0.5	0.3	0.3	2
3	0.3 * E	0.4 * E	1.3	1.4	3.4	18	20	8.9	3.8	0.5	0.3	0.3	3
4	0.3 E	0.4 E	2.6	1.5	3.6	17	19	8.9	3.4	0.5	0.3	0.3	4
5	0.3 E	0.4 E	2.3	1.4	3.9	16	17	9.5	2.8	0.5	0.3	0.3	5
6	0.3 E	0.4 E	2.0	1.4	24 *	22	17	9.0	2.6	0.5	0.3	0.3	6
7	0.3 E	0.4 E	2.6 *	1.4	47	26 *	16	8.7	2.5 *	0.5	0.3	0.3	7
8	0.3 E	0.4 E	2.2	1.5	23 *	48	16	8.1	2.4	0.5	0.3	0.3	8
9	0.3 E	0.4 E	1.9	2.8	12	34	16	7.7	2.3	0.5	0.3 *	0.2	9
10	0.3 E	0.4 E	1.7	2.4	130	21	16	7.6 *	2.3	0.5	0.3	0.2	10
11	0.3 E	0.4 E	1.6	2.0 *	410 E	38 *	16	7.2	2.3	0.5 *	0.3	0.2 *	11
12	0.3 E	0.5	1.5	1.9	101	30	16	7.1	2.4	0.5	0.3	0.3	12
13	0.3 * E	0.6 *	1.6	1.8	90 *	30	18 *	6.3	2.2	0.5	0.3	0.3	13
14	0.3 E	3.5 *	1.5	1.7	54	26	17	5.9	2.5 *	0.4	0.2	0.3	14
15	0.3 E	1.7	1.5	1.7	37	25 *	15	5.4	2.5	0.4	0.3	0.3	15
16	0.4 E	2.2	1.5	30	33	22	15	5.0 *	2.2	0.4 *	0.3	0.3	16
17	0.4 E	2.3	1.5	18	31	17	15	4.7	1.7	0.5	0.3	0.4	17
18	0.4 E	1.5	1.4 *	108	29	15	14	4.4	1.3	0.5	0.3	0.4	18
19	0.4 E	1.2	1.5	74 *	25	15	13	4.4	1.1	0.5	0.2	0.4	19
20	0.5 * E	1.1	1.4	10	21	49 *	13 *	4.3	1.0	0.5	0.3	0.4 *	20
21	0.5 E	0.9	1.5	7.6	20	38	12	4.4	1.0 *	0.4	0.2 *	0.4	21
22	0.4 E	0.8	1.4	5.6	19	40	12	4.4	1.0	0.4	0.3	0.4	22
23	0.4 E	0.7	1.4	4.8 *	16 *	26	11	4.3 *	1.0	0.4	0.3	0.4	23
24	0.4 E	0.7	1.4	4.2	16	25 E	11	4.4	0.8	0.4	0.3	0.4	24
25	0.4 E	0.6	1.3	4.0	16	23 E	11	4.9	0.8	0.4	0.3	0.4	25
26	0.4 E	0.9	1.3	3.6	16	23 E	10 *	4.7	0.8	0.4	0.3	0.4	26
27	0.4 * E	1.2	1.4	3.3	23	23 E	10	3.2	0.7	0.4	0.3	0.4	27
28	0.4 E	1.3	1.4	3.1	66 *	21 E	10	3.1	0.7	0.3	0.3	0.3	28
29	0.4 E	1.3	1.4	3.0		21 E	10	3.1	0.6	0.3	0.3	0.3	29
30	0.4 E	1.3	1.3	3.0		21	10	2.7	0.6	0.3	0.3	0.3	30
31	0.4 E		1.3	2.9		18		3.3		0.3	0.3		31
MEAN	0.4 E	0.9 E	1.6	10.0	45.5 E	25.9 E	14.5	5.9	1.9	0.4	0.3	0.3	MEAN
MAX.	0.5 E	3.5 E	2.6	108	410 E	49 E	20	10	4.3	0.6	0.3	0.4	MAX.
MIN.	0.3 E	0.4 E	1.3	1.3	2.7 E	15 E	10	2.7	0.6	0.3	0.2	0.2	MIN.
AC. FT.	22 E	56 E	98	616	2,528 E	1,593 E	863	365	115	38	17	19	AC. FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
± — E AND R

MEAN	MAXIMUM	MINIMUM	TOTAL
DISCHARGE	DISCHARGE	DISCHARGE	ACRE FEET
9.0 E	952 E	0.2	6,320 E
	GAGE HT. 4.43	GAGE HT. 0.96	
	MO. 2 DAY 11 TIME 0500	MO. 11 DAY 12 TIME 1345	

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 34.34'	118° 33.34'	NE34 6N 16 W	7,500 E	8 ±	01/25/69	01/62 - Date	01/62 - Date	1/62	1/63	1.82	Local
								2/63	6/65	2.13	Local
								7/65	11/66	0.35	Local
								12/66	1/69	0.14	Local
Station is located adjacent to Lake Hughes Road and approximately 1000' north of Elizabeth Lake Guard Station.										STATION DESTROYED 01/69	
Drainage area is 41.7 Square miles.										STATION RECONSTRUCTED 02/72	

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3.2340	NECKTIE CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0	0.1	2.6	0.8	0.2	0.1				1
2				0.0	0.1	2.5	0.8	0.2	0.1				2
3				0.0	0.2	2.4	0.8	0.2	0.1				3
4				0.0	0.1	2.4	0.7	0.2	0.1				4
5				0.0	0.2	2.4	0.7	0.2	0.1				5
6				0.0	2.9	2.5	0.6	0.2	0.1				6
7				0.0	4.0	2.4	0.6	0.2	0.1				7
8				0.0	1.8	4.4	0.6	0.2	0.1				8
9				0.0	1.1	3.3	0.6	0.2	0.0				9
10				0.0	17	2.8	0.5	0.2	0.0				10
11				0.0	33	4.2	0.5	0.2	0.0				11
12				0.0	10	2.9	0.5	0.2	0.0				12
13				0.0	9.1	2.4	0.5	0.2	0.0				13
14	N	N	H	0.0	5.5	2.0	0.4	0.2	0.0	N	N	N	14
15	O	O	D	0.0	4.2	1.7	0.4	0.2	0.0	O	D	O	15
16	F	F	F	2.3	3.6	1.5	0.4	0.2	0.0	F	F	F	16
17	L	L	L	1.5	3.2	1.3	0.4	0.2	0.0	L	L	L	17
18	O	O	O	12	3.0	1.2	0.4	0.2	0.0	O	O	O	18
19	W	W	W	5.4	2.8	1.0	0.4	0.2	0.0	W	W	W	19
20				1.4	2.7	3.0	0.4	0.2	0.0				20
21				0.8	2.6	2.7	0.3	0.2	0.0				21
22				0.4	2.5	2.6	0.3	0.2	0.0				22
23				0.3	2.4	2.2	0.3	0.2	0.0				23
24				0.2	2.4	1.9	0.3	0.2	0.0				24
25				0.2	2.3	1.8	0.3	0.2	0.0				25
26				0.2	2.3	1.6	0.2	0.1	0.0				26
27				0.2	2.5	1.4	0.2	0.1	0.0				27
28				0.1	2.6	1.3	0.3	0.1	0.0				28
29				0.1		1.1	0.3	0.1	0.0				29
30				0.1		1.0	0.3	0.1	0.0				30
31				0.1		0.9		0.1					31
MEAN				0.8	4.5	2.2	0.5	0.2	0.0				MEAN
MAX.				12	33	4.4	0.8	0.2	0.1				MAX.
MIN.				0.0	0.1	0.9	0.2	0.1	0.0				MIN.
AC. FT.				51	248	133	27	11	2				AC. FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR  
 OBSERVATION OF FLOW MADE THIS DAY.  
 — E AND R

MEAN DISCHARGE
0.7

MAXIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME
85	2.18	2	11	0245

MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET
472

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 33' 37.5"	118° 36' 51"	SE31 6N 17W	633	2.98'	01/25/69	2/67 - Date	2/67 - Date	2/67	1/69	0.14'	Local
STATION DESTROYED 1/69 STATION RECONSTRUCTED 6/69											
Station is located 4.7 miles northerly of Castaic and 2.0 miles upstream (NE) of the confluence of Necktie Canyon Creek with Castaic Creek.											
Drainage Area is 2.8 square miles.											
NOTE: This station was formerly named "NECKTIE CANYON CREEK"											

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2345	ELDERBERRY CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0 *	0.0 *	1.9 *	0.7 *						1
2				0.0	0.0	1.4	0.6						2
3				0.0	0.0	1.0	0.6						3
4				0.0	0.0	0.9	0.5						4
5				0.0	0.0	0.7	0.5						5
6				0.0	4.0	1.2	0.4						6
7				0.0	5.6	1.6	0.4						7
8				0.0	2.0	4.6	0.4						8
9				0.0	1.1	4.3	0.4						9
10				0.0	2.0	2.7	0.4						10
11				0.0	35	6.1	0.3						11
12				0.0	11	5.0	0.3						12
13				0.0	9.9	3.7	0.3						13
14	NO	NO	NO	0.0	5.7	2.6	0.3	NO	NO	NO	NO	NO	14
15				0.0	4.0	2.1	0.3						15
16	FLOW	FLOW	FLOW	0.0	3.0	1.7	0.2	FLOW	FLOW	FLOW	FLOW	FLOW	16
17				0.9	2.5	1.6	0.2						17
18				14	2.2	1.3	0.2 *						18
19	W	W	W	6.8	2.0	1.1	0.2	W	W	W	W	W	19
20				2.2	1.9	4.5	0.1						20
21				1.2	1.7	3.7	0.1						21
22				0.6	1.6	3.7	0.1						22
23				0.3	1.1 *	2.6	0.1						23
24				0.2	0.5	2.1	0.0						24
25				0.2	0.4	1.9	0.0						25
26				0.1	0.4	1.7	0.0						26
27				0.1	0.9	1.6	0.0						27
28				0.0	4.4	1.4	0.0						28
29				0.0 *		1.2	0.0						29
30				0.0		1.0	0.0						30
31				0.0		0.8							31
MEAN				0.8	4.3	2.3	0.2						MEAN
MAX.				14.0	35.0	6.1	0.7						MAX.
MIN.				0.0	0.0	0.7	0.0						MIN.
AC. FT.				52	241	142	15						AC. FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
\*\* — E AND R

MEAN	MAXIMUM					MINIMUM					TOTAL
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
0.6	78	2.79	2	11	0545						450

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 34.3'	118° 37.5'	NE36 6N 17W	594	2.93'	01/25/69	Oct. 66 - Date	Oct. 66 - Date	10/66	Date	0.75'	Local
<p>Station is located 5.5 miles NW of Castaic and 0.5 miles upstream (NE) of the confluence of Elderberry Canyon Creek with Castaic Creek.</p> <p>Drainage Area is 2.7 square miles.</p> <p>NOTE This station was formerly named "ELDERBERRY CANYON CREEK".</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2370	FISH CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0		0.0	0.7 *E	25 *	13 *	3.9 *	0.5				1
2		0.0		0.0	0.8 E	20	13	3.4	0.5				2
3		0.0		0.0	1.5 E	17	12	3.1	0.4				3
4		0.0		0.0	2.6 E	16	11	3.1	0.3				4
5		0.0		0.0	1.7 E	14	11	3.3	0.2				5
6		0.0		0.0	19 *E	15	10 *	3.0	0.1				6
7		0.0		0.0	46 *E	15 *	8.9	2.8	0.1				7
8		0.0		0.0	19 E	23	8.6	2.6	0.1				8
9		0.0		0.0	12 E	22	8.5	2.3	0.1				9
10		0.0		0.0	67 E	18	7.8	2.0 *	0.0				10
11		0.0		0.0	468 E	29 *	7.3	2.0	0.0				11
12		0.0		0.0	177 E	24	7.0	2.2	0.0				12
13		0.0		0.0	80 *E	20	7.1	2.2	0.0				13
14	N	0.0	N	0.0	43 *E	18	7.4	2.1	0.0 *	H	H	N	14
15	O	0.0	O	0.0	34 E	17 *	7.1	2.0	0.0	O	O	O	15
16	F	0.0	F	2.3	28 *E	16	6.8	1.8 *	0.0	F	F	F	16
17	L	0.1	L	0.5 *	24 E	15	6.7	1.6	0.0	L	L	L	17
18	O	0.0	O	32	22 E	14	6.9	1.5	0.0	O	O	O	18
19	W	0.0	W	25 *	18 E	13	7.0	1.4	0.0	W	W	W	19
20		0.0		7.9	18 E	39 *	6.8 *	1.5	0.0				20
21		0.0		5.6	17 E	29	6.1	1.4	0.0 *				21
22		0.0		4.3	14 E	29	5.7	1.4	0.0				22
23		0.0		2.4 *	12 *E	25	5.3	1.3 *	0.0				23
24		0.0		1.4	12 E	23	5.0	1.1	0.0				24
25		0.0		1.4	10 E	22	4.6	1.3	0.0				25
26		0.0		1.2 *	9.2 E	21	4.2 *	1.1	0.0				26
27		0.0		0.9	16 E	20	3.9	0.5	0.0				27
28		0.0		1.0	39 *E	18	4.0	0.3	0.0				28
29		0.0		1.0	17	17	4.4	0.2	0.0				29
30		0.0		1.1	15	15	4.4	0.2	0.0				30
31		0.0		0.8	14	14		0.3					31
MEAN	0.0	0.0	0.0	2.9	43.3 E	20.1	7.4	1.8	0.1	0.0	0.0	0.0	MEAN
MAX	0.0	0.1	0.0	32	468 E	39	13	3.9	0.5	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.7 E	13	3.9	0.2	0.0	0.0	0.0	0.0	MIN
AC. FT.	0.0	0.0	0.0	176	2,406 E	1,238	441	113	5	0.0	0.0	0.0	AC FT

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
— E AND R

MEAN
DISCHARGE
6.3 E

MAXIMUM			
DISCHARGE	GAGE HT.	MO.	DAY
912 E	2.50	2	11
			0600

MINIMUM			
DISCHARGE	GAGE HT.	MO.	DAY

TOTAL
ACRE FEET
4,379 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 36.2'	118° 40.3'	6N/17W - 22A	5,986	4.98'	02/24/69	June 65 - Date	June 65 - Date	6/65	9/66	3.08'	Local
								9/66	10/69	0.70'	Local
<p>Station is located 8.1 miles NW of Castaic and 700 feet NE (upstream) of the confluence of Fish Creek with Castaic Creek.</p> <p>Drainage Area is 27.3 square miles.</p>											

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2388	CASTAIC CREEK ONE MILE ABOVE FISH CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.1 E	0.4 *	0.6	1.6 *	24 *	11 *	4.4 *	1.2 *	0.1 *			1
2	0.0 *	0.1 *E	0.4	0.6 *	1.6	26	6.5	2.9	1.1	0.1			2
3	0.0	0.1	0.4	0.6	6.0	26	3.7	2.4	1.0	0.1			3
4	0.0	0.1	0.6	0.6	3.2	6.1	2.4	2.2	0.9	0.1			4
5	0.0	0.1	0.5	0.6	3.8	3.1	2.6	2.2	0.7	0.1			5
6	0.0	0.1	0.5	0.7	53 *	9.8	3.2 *	2.1	0.6	0.1			6
7	0.0	0.1	0.5 *	0.7	80	5.4 *	3.0	1.9	0.5	0.1			7
8	0.0	0.1	0.5	0.8	19 *	16	3.3	1.8	0.5	0.1			8
9	0.0	0.1	0.4	1.4	2.3	20	5.0	1.6	0.4	0.1			9
10	0.0	0.1	0.5	0.8	86	9.1	3.7	1.5 *	0.4	0.1			10
11	0.0	0.2	0.4	0.8 *	292	28 *	4.2	1.4	0.4	0.1 *			11
12	0.0 *	0.1	0.5	0.7	124	30	4.4	1.4	0.4	0.1			12
13	0.1	0.1 *	0.6	0.7	95 *	24	6.9 *	1.4	0.4	0.1			13
14	0.1	3.4 *	0.6	0.7	42 *	9.6	12	1.3	0.4 *	0.1	N	H	14
15	0.1	0.3	0.6	0.7	32	11 *	4.2	1.3	0.4	0.1	O	O	15
16	0.1	19 *	0.6	18	21 *	6.0	2.5	1.2 *	0.4	0.1	F	F	16
17	0.1	12 *	0.7	6.5 *	13	4.1	2.6	1.2	0.4	0.0 *	L	L	17
18	0.1	0.7	0.6	72	10	2.8	2.4	1.1	0.3	0.0	O	O	18
19	0.1 *	0.5	0.7 *	24 *	9.4	3.5	3.2 *	1.1	0.3	0.0	W	W	19
20	0.1	0.4	0.6	5.3	9.6	46 *	6.3	1.1	0.2	0.0			20
21	0.1	0.4	0.6	7.8	11	26	4.2	1.2	0.2 *	0.0			21
22	0.1	0.4	0.7	3.7	10	18	3.7	1.6	0.2	0.0			22
23	0.1	0.4	0.6	3.3 *	9.4 *	15	4.6	1.5 *	0.2	0.0			23
24	0.1	0.4	0.6	3.5	11 E	5.5	4.0	1.3	0.2	0.0			24
25	0.1	0.4	0.6	2.7	11 E	8.0	3.0	1.4	0.1	0.0			25
26	0.1	0.4	0.6	2.5 *	11 E	7.0	2.6 *	1.3	0.1	0.0			26
27	0.1 *	0.4	0.6	2.2	28 E	6.2	2.5	1.0	0.1	0.0			27
28	0.1	0.4 *	0.6	2.1	28 *E	5.6	2.8	0.9	0.1	0.0			28
29	0.1	0.4	0.6	2.0		3.1	6.4	0.8	0.1	0.0			29
30	0.1	0.4	0.6	2.1		4.8	7.1	0.8	0.1	0.0			30
31	0.1 E		0.6	1.7		9.5		1.0		0.0			31
MEAN	0.1	1.4 E	0.6	5.5	35.8 E	13.5	4.5	1.6	0.4	0.1	0.0	0.0	MEAN
MAX.	0.1	19 E	0.7	72	292 E	46	12	4.4	1.2	0.1	0.0	0.0	MAX.
MIN.	0.0	0.1 E	0.4	0.6	1.6 E	2.8	2.4	0.8	0.1	0.0	0.0	0.0	MIN.
AC. FT.	11	82 E	35	336	1,990 E	832	266	95	25	3	2	2	AC FT.

E - ESTIMATED  
 NR - NO RECORD  
 \* - DISCHARGE MEASUREMENT OR  
 OBSERVATION OF FLOW MADE THIS DAY.  
 # - E AND R

MEAN	MAXIMUM	MINIMUM	TOTAL
DISCHARGE	DISCHARGE	DISCHARGE	ACRE FEET
5.3 E	937 E	4.64	3,672 E
	GAGE HT.	MO. DAY TIME	
	2	11 0545	

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY		PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE				FROM	TO	
34° 37' 1"	118° 39' 6"	NE14 6N/17W	11,000 EST	10'	01/19/69	10/63 - 1/69	10/68 - 1/69		10/68	1/69	Local
<p>Station is located 8.2 miles NW of Castaic and approximately 1 mile above the confluence of Castaic Creek with Fish Creek.</p> <p>Drainage Area is 35.4 square miles.</p>											

# DAILY MEAN DISCHARGE (IN CUBIC FEET PER SECOND)

1972-73 Z-3-3333 CASTAIC LAGOON PARSHALL FLUME

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20	0.3	4.7	41 E	8.0	81	7.1	4.4	3.7	3.4	3.6	3.9	1
2	20	0.2	13	41 E	7.6	63	6.5	4.4	3.8	3.4	3.6	4.0	2
3	17	5.5	12	42	7.4	43	5.5	4.3	3.8	3.4	3.7	4.0	3
4	5.1	11	13	27	7.2	43	5.1	4.3	3.8	3.4	3.7	4.1	4
5	0.3	12	13	19	7.1	36	5.0	4.2	3.8	3.4	3.7	4.2	5
6	5.8	13	12	17	8.0	22	5.0	4.2	3.8	3.4	3.7	4.3	6
7	12	14	13	16	17	18	5.1	4.2	3.8	3.4	3.7	4.2	7
8	13	16	12	16	124	27	5.0	4.2	3.8	3.5	3.7	4.2	8
9	14	15	13	18	152	58	4.9	4.2	3.8	3.5	3.7	4.3	9
10	15	17	13	16	138	43	4.9	4.2	3.7	3.5	3.8	4.3	10
11	18	21	9.2	15	1,600	41	5.0	4.1	3.6	3.5	3.8	4.4	11
12	19	19	0.3	15	304	22	5.0	4.1	3.6	3.5	3.8	4.4	12
13	19	19	0.4	14	785	19	5.0	4.1	3.6	3.5	3.8	4.5	13
14	20	26	0.3	14	200	21	5.0	4.0	3.5	3.5	3.9	6.2	14
15	20	24	4.0	13	76	36	4.9	4.0	3.4	3.5	3.9	7.0	15
16	20	26	15	16	30	33	4.9	4.0	3.4	3.5	3.9	6.8	16
17	20	26	33	19	46	13	5.0	4.0	3.4	3.6	3.9	6.7	17
18	20	22	43	25	48	11	5.0	4.0	3.2	3.6	4.0	6.5	18
19	20	19	59	44	48	9.3	4.6	4.0	3.0	3.6	4.0	6.4	19
20	21	7.6	53	19	49	26	4.3	4.0	3.0	3.6	4.0	6.4	20
21	20	0.4	49	21	49	93	4.3	3.9	3.0	3.6	4.0	6.2	21
22	20	4.0	43	43	45	84	4.3	3.9	3.0	3.5	4.0	6.1	22
23	20	37	41	53	22	37	4.3	3.8	3.1	3.6	4.0	6.1	23
24	9.2	74	44	29	19	13	4.4	3.8	3.1	3.4	3.7	5.9	24
25	1.0	86	40	15	18	11	4.4	3.8	3.2	3.3	3.7	5.7	25
26	0.3	90	41	13	18	9.3	4.4	3.8	3.2	3.4	3.7	5.9	26
27	3.0	88	43	11	20	8.8	4.4	3.5	3.3	3.4	3.7	6.2	27
28	12	73	43	10	112	8.5	4.5	3.4	3.3	3.4	3.7	6.3	28
29	13	18	42	9.4		7.8	4.4	3.4	3.4	3.5	3.8	6.3	29
30	7.9	2.3	43	8.9		7.4	4.4	3.7	3.4	3.5	3.8	6.3	30
31	0.3		45	8.4		7.3		3.7		3.6	3.8		31
MEAN	13.7	26.2	26.2	21.5	142	30.7	4.9	4.0	3.4	3.5	3.8	5.4	MEAN
MAX.	21	90	59	53	1,600	93	7.1	4.4	3.8	3.6	4.0	7.0	MAX.
MIN.	0.3	0.2	0.3	8.4	7.1	7.3	4.3	3.4	3.0	3.3	3.6	3.9	MIN.
AC. FT.	843	1,556	1,611	1,322	7,869	1,887	291	246	206	215	234	321	AC. FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR  
OBSERVATION OF FLOW MADE THIS DAY.  
\*\* — E AND R

MEAN
DISCHARGE
24

MAXIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME
2,575	3.47	2	11	1215

MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME
0.2	0.10	11	2	0815

TOTAL
ACRE FEET
16,600

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 29.52'	118° 36.44'	SE24 E N 17W	2,575	3.47	2/11/73	June 72 - Date	June 72 - Date	6/72	Date	1134.98	USC & GS
STATION INSTALLED 6/1/72											
Station is located 0.5 miles east of Castaic on Lake Hughes Road under bridge.											
Downstream release for Castaic Lagoon.											



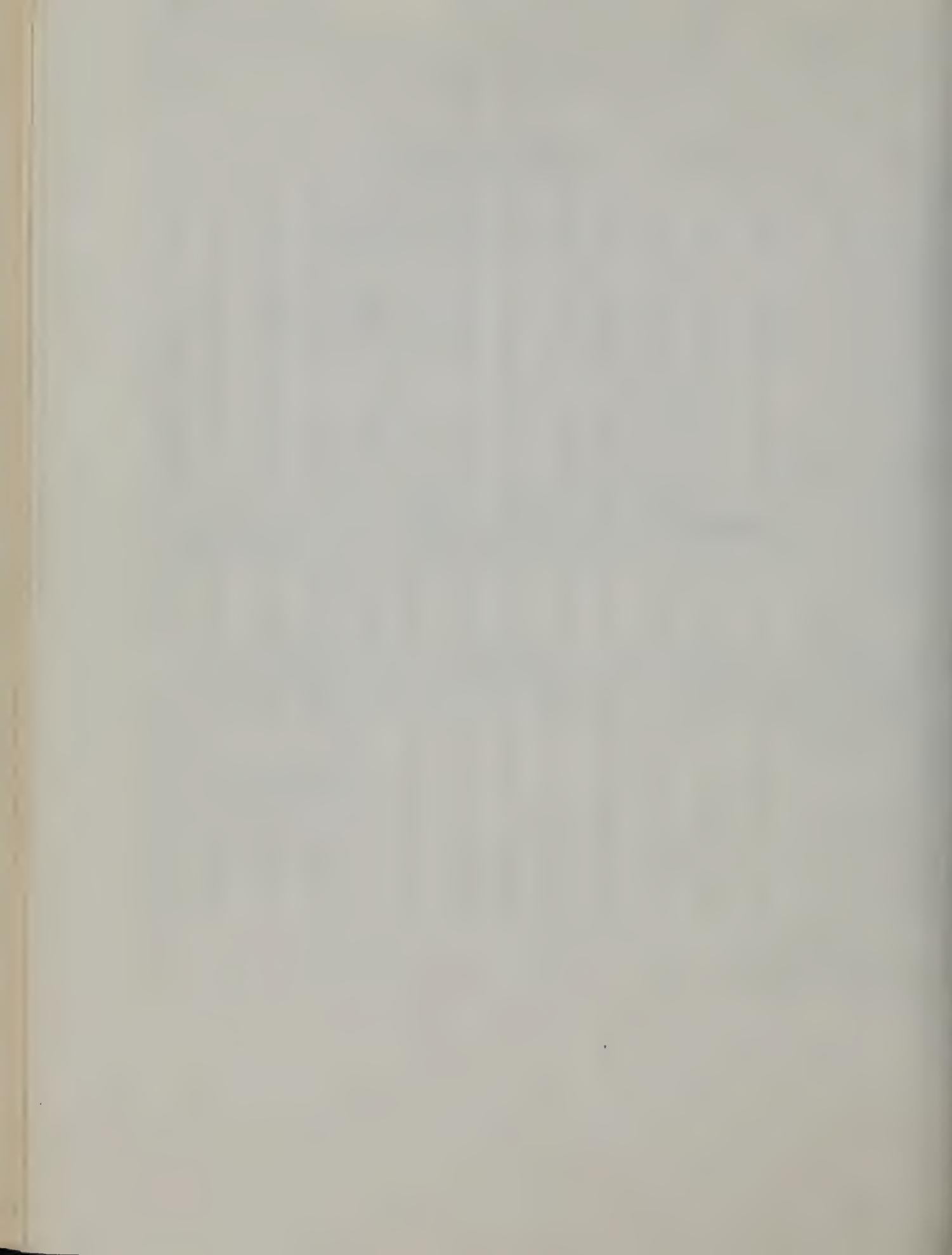
TABLE B - 3  
MONTHLY WATER CONTENT OF SELECTED SURFACE RESERVOIRS  
IN OR SUPPLYING WATER TO SOUTHERN CALIFORNIA  
OCTOBER 1, 1972 TO SEPTEMBER 30, 1973

Drainage province and stream	Reservoir	Active capacity in acre-feet	Water in storage on last day of month, in acre-feet **											
			October	November	December	January	February	March	April	May	June	July	August	September
Central Coastal														
Old Creek	Whale Rock	40,000	31,555	31,710	31,659	34,962	40,071	40,900	40,781	40,662	40,544	40,248	39,895	39,601
Santa Ynez River	Gibraltar	9,650	1,909	2,532	2,124	8,682	8,484	8,654	8,745	9,000	8,385	7,399	6,547	5,802
Santa Ynez River	Cachuma	204,900	118,497	117,980	117,075	125,090	197,581	205,589	206,490	204,628	199,515	194,406	189,274	185,591
Cuyama River	Twitchell	150,000	0	0	0	2,930	26,622	43,106	45,699	46,031	41,117	27,424	15,423	5,413
Los Angeles														
Matilija Creek	Matilija	2,500	123	529	536	625	1,706	1,041	1,016	1,339	1,570	1,546	1,475	1,474
Coyote Creek	Casitas	248,000	180,851	180,740	179,435	187,281	217,980	235,256	238,857	238,962	236,271	233,338	230,094	228,100
Piru Creek	Lake Piru	100,000	14,668	16,529	17,270	21,763	48,982	63,623	65,536	62,282	61,066	48,254	36,027	21,402
Bouquet Creek	Bouquet	36,510	33,786	33,725	30,800	25,830	32,342	27,860	31,274	34,702	34,335	32,942	29,679	27,402
San Gabriel River	Cogswell	9,340	590	731	936	1,748	5,255	6,070	6,490	6,956	6,452	5,434	4,441	3,422
San Gabriel River	San Gabriel	43,830	865	1,222	1,375	2,564	8,515	2,367	1,089	912	703	315	223	0
Lahontan														
Rush Creek	Grant Lake	47,530	15,117	14,771	8,904	13,744	19,162	19,012	18,489	34,045	41,214	39,146	31,730	28,017
Owens River	Long Valley ***	183,470	57,996	62,789	72,213	78,331	79,276	91,201	101,936	120,609	155,930	167,597	157,359	134,538
Owens River	Haiwee (combined)	58,530	39,799	34,588	37,307	38,512	39,647	39,593	40,812	39,218	37,808	36,504	37,508	34,029
Colorado River Basin														
Colorado River	Lake Mead	27,207,000	17,819,000	18,088,000	18,645,000	19,200,000	19,453,000	19,980,000	20,966,000	20,937,000	20,993,000	20,796,000	20,445,000	20,176,000
Colorado River	Lake Mojave	1,810,000	1,582,300	1,600,400	1,494,000	1,606,800	1,747,800	1,679,100	1,606,800	1,772,800	1,639,000	1,493,500	1,506,500	1,412,200
Colorado River	Lake Havasu	619,000	543,600	531,900	538,200	539,100	534,600	562,400	595,600	606,600	603,000	593,000	572,000	559,000
Santa Ana River														
Bear Creek	Bear Valley	72,170	51,234	51,831	53,060	54,324	55,587	58,536	64,012	67,094	65,573	64,012	62,538	60,853
San Jacinto River	Lake Hemet	13,400	5,450	5,580	5,839	6,056	6,727	7,917	8,684	8,687	8,513	7,805	7,917	7,527
San Jacinto River	Railroad Canyon	14,700	6,649	7,848	7,906	8,223	10,011	10,363	10,031	9,430	10,222	9,224	8,355	7,804
Cajalco Creek	Lake Mathews *	182,000	121,980	127,087	119,050	159,180	174,892	173,984	172,468	170,087	135,403	109,875	100,025	94,342
Santiago Creek	Santiago *	25,000	4,280	3,525	4,770	7,825	11,285	16,130	16,525	16,055	15,635	13,140	10,725	8,345
San Diego														
Temecula Creek	Vail Lake	49,500	21,679	21,686	21,543	21,801	22,858	24,728	24,978	24,736	24,327	23,836	23,398	23,050
San Luis Rey River	Lake Henshaw	194,320	3,601	5,131	5,787	4,976	6,748	12,103	13,230	11,585	9,606	6,975	4,072	1,983
Santa Ysabel Creek	Sutherland	29,700	2,349	2,393	2,541	2,787	2,889	5,883	5,041	4,858	3,658	3,566	3,463	3,389
San Dieguito River	Lake Hodges *	33,550	382	822	1,225	1,873	2,561	3,846	2,926	2,386	1,767	1,688	1,525	1,231
San Vicente Creek	San Vicente *	90,230	65,624	70,810	69,917	74,309	76,799	81,504	83,101	83,246	81,781	83,982	81,596	78,802
Boulder Creek	Cuyamaca	11,600	551	626	827	1,213	2,127	4,778	4,842	2,033	878	800	758	726
Quail Canyon Creek	Lake Jennings *	10,500	8,206	8,081	7,460	8,081	8,019	8,206	8,206	8,397	8,444	8,365	8,206	8,096
San Diego River	El Capitan*	112,800	10,145	10,210	10,330	11,134	16,621	29,977	35,946	42,146	45,078	40,849	36,025	33,022
Sweetwater River	Lake Loveland	25,250	14,200	14,304	14,459	14,567	15,427	20,266	17,442	16,242	16,194	16,017	15,841	15,692
Sweetwater River	Sweetwater	27,150	3,251	2,762	2,017	2,032	2,421	2,901	4,646	5,574	4,685	3,990	3,316	2,836
Otay River	Lower Otay Lake *	56,520	6,567	6,770	6,196	5,820	5,951	9,071	10,333	11,153	11,828	12,363	11,991	11,625
Cottonwood Creek	Morena Lake	50,210	2,614	2,644	2,704	2,734	2,860	4,116	4,340	4,265	4,092	3,900	3,739	3,607
Cottonwood Creek	Barrett Lake	44,750	777	946	1,170	1,285	1,747	4,160	4,049	3,097	1,893	859	792	775

\* Includes imported Colorado River water.

\*\* Data was supplied by various local sources.

\*\*\* Formerly Lake Crowley Reservoir.



Appendix C  
**GROUND WATER MEASUREMENTS**



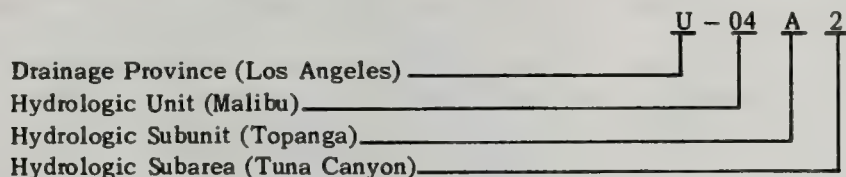


## GROUND WATER MEASUREMENTS

This appendix contains ground water level measurements (Table C-1) for approximately 6,000 wells for the period October 1, 1972, through September 30, 1973. It also contains hydrographs of selected wells (Figure C-7) and a tabulation of ground water replenishment (Table C-2).

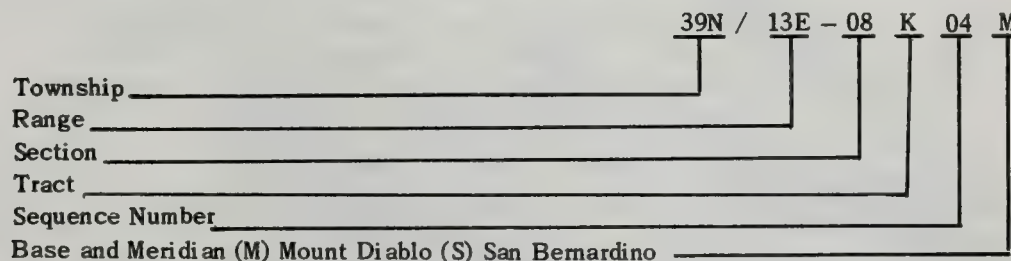
Two numbering systems are used by the Department to facilitate processing of water level measurement data. The two systems are the *Areal Designation* and the *State Well Numbering System* as described below.

The *Areal Designation System* comprises a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas. A coding system of the form *U-04.A2* has been developed as follows:



Figures C-1 through C-6 show the location and code number of each hydrologic subdivision in each drainage province, as well as the location of wells for which hydrographs are shown in Figure C-7.

The *State Well Numbering System* is based on township, range, and section subdivisions of the Public Land Survey. The number of a well, assigned in accordance with this system, is referred to as the *State Well Number*, as illustrated below:



This number identifies and locates the well. In the example, the well is in Township 39 North, Range 13 East, Tract K of Section 8, located in the Mount Diablo Base and Meridian. A section is divided into 40-acre tracts as shown:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Sequence numbers in a tract are generally assigned in chronological order. The example designates the fourth well to be assigned a number in Tract K.

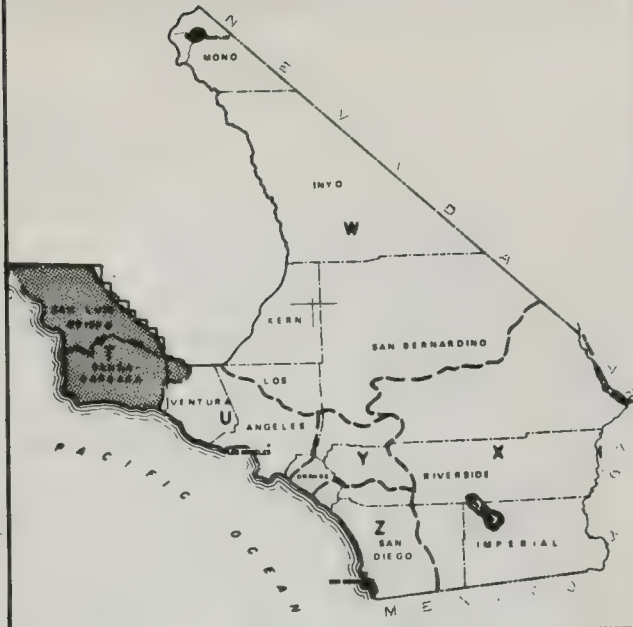
**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**CENTRAL COASTAL DRAINAGE PROVINCE**

T-09.00	SALINAS HYDROLOGIC UNIT
T-09.H0	Paso Robles Hydrologic Subunit
T-09.I0	Pozo Hydrologic Subunit
T-10.00	SAN LUIS OBISPO HYDROLOGIC UNIT
T-10.A0	Cambria Hydrologic Subunit
T-10.A1	San Carpofo Hydrologic Subarea
T-10.A2	Arroyo De La Cruz Hydrologic Subarea
T-10.A3	San Simeon Hydrologic Subarea
T-10.A4	Santa Rosa Hydrologic Subarea
T-10.A5	Villa Hydrologic Subarea
T-10.A6	Cayucos Hydrologic Subarea
T-10.A7	Old Hydrologic Subarea
T-10.A8	Toro Hydrologic Subarea
T-10.B0	San Luis Obispo Hydrologic Subunit
T-10.B1	Morro Hydrologic Subarea
T-10.B2	Chorro Hydrologic Subarea
T-10.B3	Los Osos Hydrologic Subarea
T-10.B4	San Luis Obispo Creek Hydrologic Subarea
T-10.B5	Point San Luis Hydrologic Subarea
T-10.B6	Pismo Hydrologic Subarea
T-10.C0	Arroyo Grande Hydrologic Subunit
T-10.C1	Arroyo Grande Hydrologic Subarea
T-10.C2	Nipomo Mesa Hydrologic Subarea
T-11.00	CARRIZO PLAIN HYDROLOGIC UNIT
T-12.00	SANTA MARIA-CUYAMA HYDROLOGIC UNIT
T-12.A0	Santa Maria Hydrologic Subunit
T-12.B0	Sisquoc Hydrologic Subunit
T-12.C0	Cuyama Valley Hydrologic Subunit
T-13.00	SAN ANTONIO HYDROLOGIC UNIT
T-14.00	SANTA YNEZ HYDROLOGIC UNIT
T-14.A0	Lompoc Hydrologic Subunit
T-14.E0	Santa Rita Hydrologic Subunit
T-14.C0	Buellton Hydrologic Subunit
T-14.D0	Santa Ynez Hydrologic Subunit
T-14.E0	Headwater Hydrologic Subunit
T-15.00	SANTA BARBARA HYDROLOGIC UNIT
T-15.A0	Arguello Hydrologic Subunit
T-15.C0	South Coast Hydrologic Subunit
T-15.C1	Goleta Hydrologic Subarea
T-15.C2	Santa Barbara Hydrologic Subarea
T-15.C3	Montecito Hydrologic Subarea
T-15.C4	Carpinteria Hydrologic Subarea



# LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 10.A4 AREAL CODE NUMBER  
(SEE PAGE TO THE LEFT)
- WATER BEARING SEDIMENTS
- 10N/35W-7F1 WELL AT WHICH WATER LEVEL  
FLUCTUATION IS SHOWN



KEY MAP



NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
CENTRAL COASTAL DRAINAGE PROVINCE (T)

**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**LOS ANGELES DRAINAGE PROVINCE**

U-01.00	RINCON CREEK HYDROLOGIC UNIT	U-04.C0	Point Dume Hydrologic Subunit
U-02.00	VENTURA RIVER HYDROLOGIC UNIT	U-04.C1	Corral Canyon Hydrologic Subarea
U-02.A0	Lower Ventura River Hydrologic Subunit	U-04.C2	Solstice Canyon Hydrologic Subarea
U-02.B0	Upper Ventura River Hydrologic Subunit	U-04.C3	Latigo Canyon Hydrologic Subarea
U-02.C0	Ojai Hydrologic Subunit	U-04.C4	Escondido Canyon Hydrologic Subarea
U-02.C1	Upper Ojai Hydrologic Subarea	U-04.C5	Ramona Canyon Hydrologic Subarea
U-02.C2	Ojai Hydrologic Subarea	U-04.C6	Zuma Canyon Hydrologic Subarea
		U-04.C7	Trancas Canyon Hydrologic Subarea
U-03.00	SANTA CLARA-CALLEGUAS HYDROLOGIC UNIT	U-04.D0	Camarrillo Hydrologic Subunit
U-03.A0	Oxnard Plain Hydrologic Subunit	U-04.D1	Encinal Canyon Hydrologic Subarea
U-03.A1	Oxnard Hydrologic Subarea	U-04.D2	Los Alisos Canyon Hydrologic Subarea
U-03.A2	Pleasant Valley Hydrologic Subarea	U-04.D3	Nicholas Canyon Hydrologic Subarea
U-03.B0	Santa Paula Hydrologic Subunit	U-04.D4	Arroyo Sequit Hydrologic Subarea
U-03.B1	Santa Paula Hydrologic Subarea	U-04.D5	Little Sycamore Canyon Hydrologic Subarea
U-03.B2	Sisar Hydrologic Subarea	U-04.D6	Deer Canyon Hydrologic Subarea
U-03.C0	Sespe Hydrologic Subunit	U-04.D7	Big Sycamore Canyon Hydrologic Subarea
U-03.C1	Fillmore Hydrologic Subarea	U-04.D8	La Jolla Valley Hydrologic Subarea
U-03.C2	Sespe Hydrologic Subarea		
U-03.D0	Piru Hydrologic Subunit	U-05.00	LOS ANGELES-SAN GABRIEL RIVER HYDROLOGIC UNIT
U-03.D1	Piru Hydrologic Subarea	U-05.A0	Coastal Plain of Los Angeles County Hydrologic Subunit
U-03.D2	Upper Piru Hydrologic Subarea	U-05.A1	Palos Verdes Hydrologic Subarea
U-03.D3	Hungry Valley Hydrologic Subarea	U-05.A2	West Coast Hydrologic Subarea
U-03.D4	Stauffer Hydrologic Subarea	U-05.A3	Santa Monica Hydrologic Subarea
U-03.E0	Upper Santa Clara River Hydrologic Subunit	U-05.A4	Hollywood Hydrologic Subarea
U-03.E1	Eastern Hydrologic Subarea	U-05.A5	Central Hydrologic Subarea
U-03.E2	Bouquet Hydrologic Subarea	U-05.B0	San Fernando Hydrologic Subunit
U-03.E3	Mint Canyon Hydrologic Subarea	U-05.B1	San Fernando Hydrologic Subarea
U-03.E4	Sierra Pelona Hydrologic Subarea	U-05.B2	Sylmar Hydrologic Subarea
U-03.E5	Acton Hydrologic Subarea	U-05.B3	Tujunga Hydrologic Subarea
U-03.F0	Calleguas-Conejo Hydrologic Subunit	U-05.B4	Verdugo Hydrologic Subarea
U-03.F1	West Las Posas Hydrologic Subarea	U-05.B5	Eagle Rock Hydrologic Subarea
U-03.F2	East Las Posas Hydrologic Subarea	U-05.C0	Raymond Hydrologic Subunit
U-03.F3	Arroyo Santa Rosa Hydrologic Subarea	U-05.C1	Pasadena Hydrologic Subarea
U-03.F4	Conejo Valley Hydrologic Subarea	U-05.C2	Monk Hill Hydrologic Subarea
U-03.F5	Tierra Rejada Valley Hydrologic Subarea	U-05.C3	Santa Anita Hydrologic Subarea
U-03.F6	Gillibrand Hydrologic Subarea	U-05.D0	San Gabriel Valley Hydrologic Subunit
U-03.F7	Simi Valley Hydrologic Subarea	U-05.D1	Main San Gabriel Hydrologic Subarea
U-03.F8	Thousand Oaks Hydrologic Subarea	U-05.D2	Lower Canyon Hydrologic Subarea
		U-05.D3	Upper Canyon Hydrologic Subarea
		U-05.D4	Foothill Hydrologic Subarea
U-04.00	MALIBU HYDROLOGIC UNIT	U-05.E0	Spadra Hydrologic Subunit
U-04.A0	Topanga Hydrologic Subunit	U-05.E1	Spadra Hydrologic Subarea
U-04.A1	Topanga Canyon Hydrologic Subarea	U-05.E2	Pomona Hydrologic Subarea
U-04.A2	Tuna Canyon Hydrologic Subarea	U-05.E3	Live Oak Hydrologic Subarea
U-04.A3	Pena Canyon Hydrologic Subarea	U-05.F0	Anaheim Hydrologic Subunit
U-04.A4	Piedra Gorda Canyon Hydrologic Subarea	U-05.F1	Anaheim Hydrologic Subarea
U-04.A5	Las Flores Canyon Hydrologic Subarea	U-05.F2	La Habra Hydrologic Subarea
U-04.A6	Carbon Canyon Hydrologic Subarea	U-05.F3	Yorba Linda Hydrologic Subarea
U-04.B0	Malibu Creek Hydrologic Subunit		
U-04.B1	Malibu Creek Hydrologic Subarea		
U-04.B2	Las Virgenes Canyon Hydrologic Subarea		
U-04.B3	Lindero Canyon Hydrologic Subarea		
U-04.B4	Triunfo Canyon Hydrologic Subarea		
U-04.B5	Russell Valley Hydrologic Subarea		
U-04.B6	Sherwood Hydrologic Subarea		



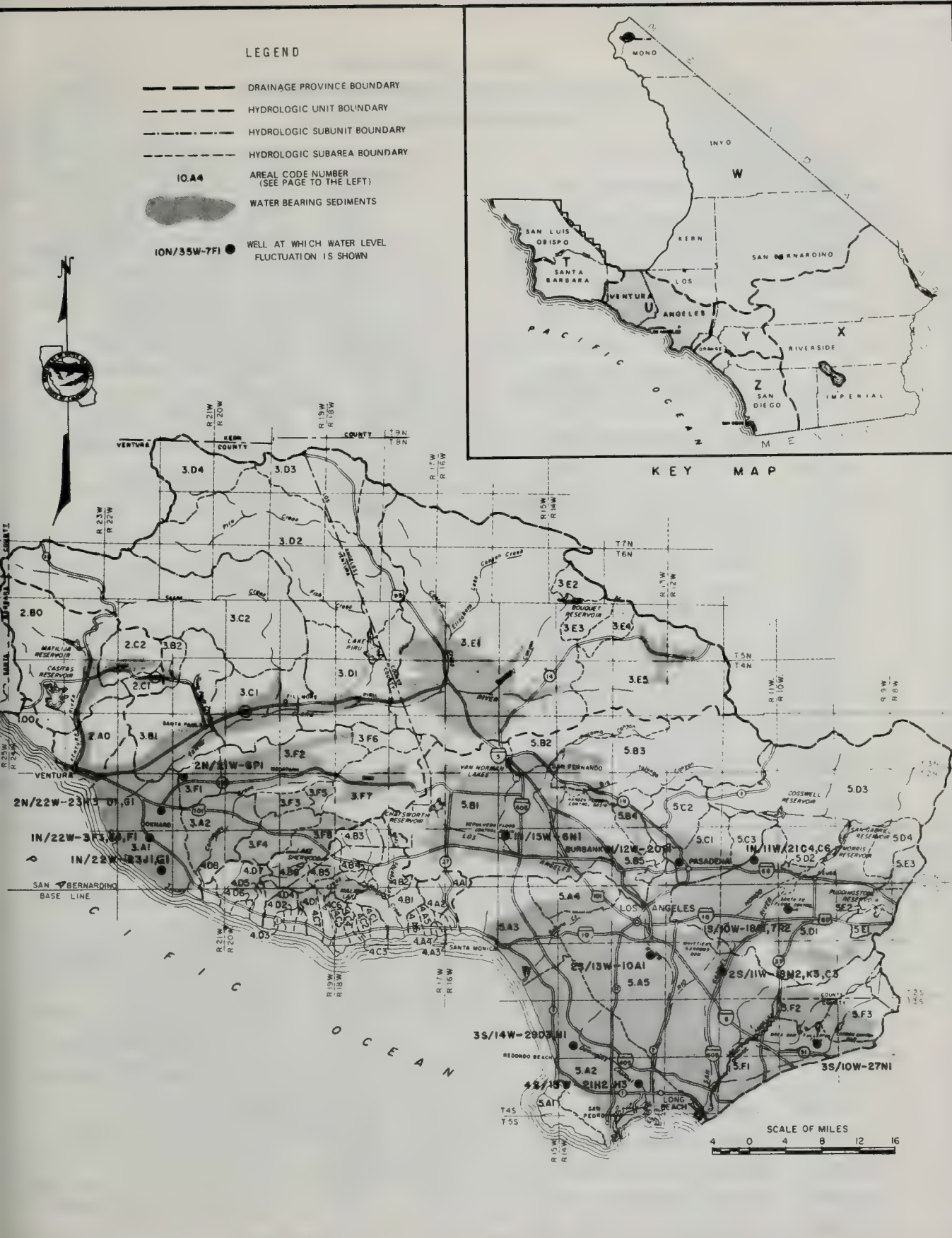
# LEGEND

- DRAINAGE PROVINCE BOUNDARY
- - - - - HYDROLOGIC UNIT BOUNDARY
- - - - - HYDROLOGIC SUBUNIT BOUNDARY
- - - - - HYDROLOGIC SUBAREA BOUNDARY

10.A4 AREAL CODE NUMBER  
(SEE PAGE TO THE LEFT)

WATER BEARING SEDIMENTS

10N/35W-7F1 ● WELL AT WHICH WATER LEVEL  
FLUCTUATION IS SHOWN



## NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS LOS ANGELES DRAINAGE PROVINCE (U)



**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**LAHONTAN DRAINAGE PROVINCE**

W-01.00	MONO HYDROLOGIC UNIT	W-20.00	PANAMINT HYDROLOGIC UNIT
W-02.00	ADOBE HYDROLOGIC UNIT	W-20.A0	Wingate Pass Hydrologic Subunit
W-03.00	OWENS HYDROLOGIC UNIT	W-20.B0	Wild Rose Hydrologic Subunit
W-03.A0	Long Hydrologic Subunit	W-20.B1	White Sage Hydrologic Subarea
W-03.B0	Upper Owens Hydrologic Subunit	W-20.B2	Wild Rose Hydrologic Subarea
W-03.C0	Lower Owens Hydrologic Subunit	W-20.C0	Lee Flat Hydrologic Subunit
W-03.D0	Centennial Hydrologic Subunit	W-20.D0	Santa Rosa Flat Hydrologic Subunit
W-04.00	FISH LAKE HYDROLOGIC UNIT	W-20.D1	Santa Rosa Flat Hydrologic Subarea
W-05.00	DEEP SPRINGS HYDROLOGIC UNIT	W-20.D2	Rainbow Hydrologic Subarea
W-06.00	EUREKA HYDROLOGIC UNIT	W-20.D3	Silver Dollar Hydrologic Subarea
W-06.A0	Marble Bath Hydrologic Subunit	W-20.E0	Darwin Hydrologic Subunit
W-06.B0	Eureka Hydrologic Subunit	W-20.F0	Panamint Hydrologic Subunit
W-07.00	SALINE HYDROLOGIC UNIT	W-20.G0	Brown Hydrologic Subunit
W-07.A0	Saline Hydrologic Subunit	W-20.H0	Robbers Hydrologic Subunit
W-07.B0	Cameo Hydrologic Subunit	W-21.00	SEARLES HYDROLOGIC UNIT
W-08.00	RACE TRACK HYDROLOGIC UNIT	W-21.A0	Searles Hydrologic Subunit
W-08.A0	Race Track Hydrologic Subunit	W-21.B0	Salt Wells Hydrologic Subunit
W-08.B0	Hidden Valley Hydrologic Subunit	W-21.C0	Pilot Knob Hydrologic Subunit
W-08.C0	Ulida Hydrologic Subunit	W-22.00	COSO HYDROLOGIC UNIT
W-08.D0	Sand Flat Hydrologic Subunit	W-22.A0	Wild Horse Hydrologic Subunit
W-09.00	AMARGOSA HYDROLOGIC UNIT	W-22.B0	Coso Hydrologic Subunit
W-09.A0	Death Valley Hydrologic Subunit	W-23.00	UPPER CACTUS HYDROLOGIC UNIT
W-09.A1	Death Valley Hydrologic Subarea	W-24.00	INDIAN WELLS HYDROLOGIC UNIT
W-09.A2	Harrisburgh Hydrologic Subarea	W-24.A0	Rose Hydrologic Subunit
W-09.A3	Wingate Wash Hydrologic Subarea	W-24.B0	Indian Wells Hydrologic Subunit
W-09.B0	Valjean Hydrologic Subunit	W-25.00	FREMONT HYDROLOGIC UNIT
W-09.B1	Avawatz Hydrologic Subarea	W-25.A0	Dove Springs Hydrologic Subunit
W-09.B2	Red Pass Hydrologic Subarea	W-25.B0	Kelso Landis Hydrologic Subunit
W-09.B3	Valjean Hydrologic Subarea	W-25.C0	East Tehachapi Hydrologic Subunit
W-09.B4	Shadow Hydrologic Subarea	W-25.D0	Koehn Hydrologic Subunit
W-09.C0	Furnace Creek Hydrologic Subunit	W-26.00	ANTELOPE HYDROLOGIC UNIT
W-09.C1	Furnace Creek Hydrologic Subarea	W-26.A0	Antelope Hydrologic Subunit
W-09.C2	Greenwater Hydrologic Subarea	W-26.A1	Chafee Hydrologic Subarea
W-09.D0	Amargosa Hydrologic Subunit	W-26.A2	Gloster Hydrologic Subarea
W-09.D1	Calico Hydrologic Subarea	W-26.A3	Willow Springs Hydrologic Subarea
W-09.D2	Amargosa Hydrologic Subarea	W-26.A4	Neenach Hydrologic Subarea
W-09.D3	Chicago Hydrologic Subarea	W-26.A5	Lancaster Hydrologic Subarea
W-09.D4	California Hydrologic Subarea*	W-26.A6	North Muroc Hydrologic Subarea
W-10.00	PAHRUMP HYDROLOGIC UNIT	W-26.A7	Buttes Hydrologic Subarea
W-11.00	MESQUITE HYDROLOGIC UNIT	W-26.A8	Rock Creek Hydrologic Subarea
W-12.00	IVANPAH HYDROLOGIC UNIT	W-27.00	CUDDEBACK HYDROLOGIC UNIT
W-13.00	OWLSHEAD HYDROLOGIC UNIT	W-28.00	MOJAVE HYDROLOGIC UNIT
W-13.A0	Lost Lake Hydrologic Subunit	W-28.A0	El Mirage Hydrologic Subunit
W-13.B0	Owlshead Hydrologic Subunit	W-28.B0	Upper Mojave Hydrologic Subunit
W-14.00	LEACH HYDROLOGIC UNIT	W-28.C0	Middle Mojave Hydrologic Subunit
W-15.00	NELSON HYDROLOGIC UNIT	W-28.D0	Harper Hydrologic Subunit
W-15.A0	McLean Hydrologic Subunit	W-28.D1	Grass Valley Hydrologic Subarea
W-15.B0	Nelson Hydrologic Subunit	W-28.D2	Harper Hydrologic Subarea
W-16.00	BICYCLE HYDROLOGIC UNIT	W-28.E0	Lower Mojave Hydrologic Subunit
W-17.00	GOLDSTONE HYDROLOGIC UNIT	W-28.F0	Troy Hydrologic Subunit
W-18.00	COYOTE HYDROLOGIC UNIT	W-28.F1	Kane Wash Hydrologic Subarea
W-19.00	SUPERIOR HYDROLOGIC UNIT	W-28.F2	Troy Hydrologic Subarea
		W-28.G0	Afton Hydrologic Subunit
		W-28.G1	Caves Hydrologic Subarea
		W-28.G2	Cronese Hydrologic Subarea
		W-28.G3	Langford Hydrologic Subarea
		W-28.H0	Baker Hydrologic Subunit
		W-28.H1	Silver Lake Hydrologic Subarea
		W-28.H2	Soda Lake Hydrologic Subarea
		W-28.I0	Kelso Hydrologic Subunit
		W-29.00	BROADWELL HYDROLOGIC UNIT



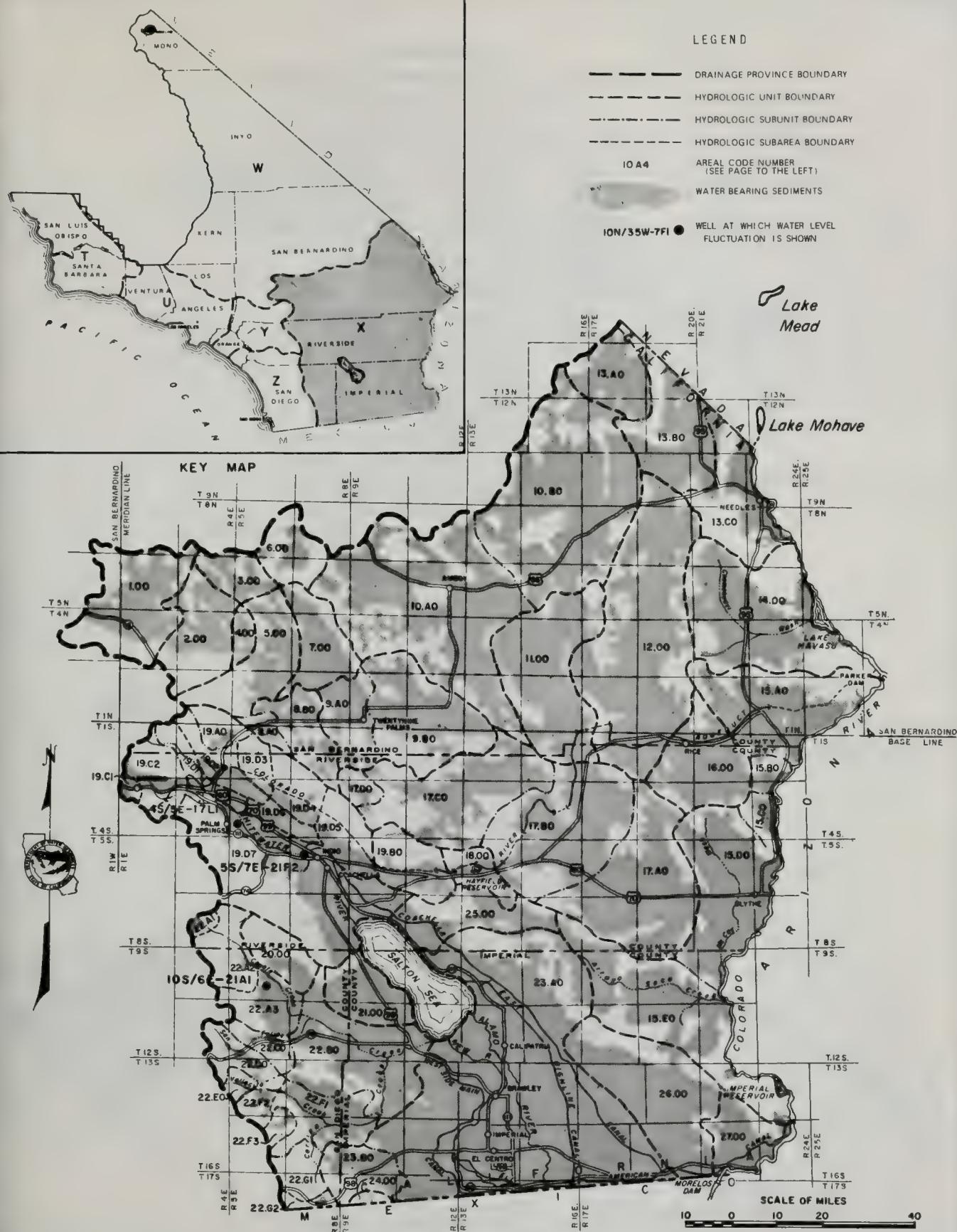
**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
LAHONTAN DRAINAGE PROVINCE (W)**



**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**COLORADO RIVER BASIN DRAINAGE PROVINCE**

X-1.00	LUCERNE HYDROLOGIC UNIT	X-19.00	WHITEWATER HYDROLOGIC UNIT
X-2.00	JOHNSON HYDROLOGIC UNIT	X-19.A0	Morongo Hydrologic Subunit
X-3.00	BESSEMER HYDROLOGIC UNIT	X-19.B0	Shavers Hydrologic Subunit
X-4.00	MEANS HYDROLOGIC UNIT	X-19.C0	San Geronio Hydrologic Subunit
X-5.00	EMERSON HYDROLOGIC UNIT	X-19.C1	Beaumont Hydrologic Subarea
X-6.00	LAVIC HYDROLOGIC UNIT	X-19.C2	San Geronio Hydrologic Subarea
X-7.00	DEADMAN HYDROLOGIC UNIT	X-19.D0	Coachella Hydrologic Subunit
X-8.00	JOSHUA TREE HYDROLOGIC UNIT	X-19.D1	Gamet Hill Hydrologic Subarea
X-8.A0	Warren Hydrologic Subunit	X-19.D2	Mission Creek Hydrologic Subarea
X-8.B0	Copper Mountain Hydrologic Subunit	X-19.D3	Miracle Hill Hydrologic Subarea
X-9.00	DALE HYDROLOGIC UNIT	X-19.D4	Sky Valley Hydrologic Subarea
X-9.A0	Twentynine Palms Hydrologic Subunit	X-19.D5	Fargo Canyon Hydrologic Subarea
X-9.B0	Dale Hydrologic Subunit	X-19.D6	Thousand Palms Hydrologic Subarea
X-10.00	BRISTOL HYDROLOGIC UNIT	X-19.D7	Indio Hydrologic Subarea
X-10.A0	Bristol Hydrologic Subunit	X-20.00	CLARK HYDROLOGIC UNIT
X-10.B0	Fenner Hydrologic Subunit	X-21.00	WEST SALTON SEA HYDROLOGIC UNIT
X-11.00	CADIZ HYDROLOGIC UNIT	X-22.00	ANZA-BORREGO HYDROLOGIC UNIT
X-12.00	WARD HYDROLOGIC UNIT	X-22.A0	Borrego Hydrologic Subunit
X-13.00	PIUTE HYDROLOGIC UNIT	X-22.A1	Terwilliger Hydrologic Subarea
X-13.A0	Lanfair Hydrologic Subunit	X-22.A2	Collins Hydrologic Subarea
X-13.B0	Piute Hydrologic Subunit	X-22.A3	Borrego Hydrologic Subarea
X-13.C0	Needles Hydrologic Subunit	X-22.B0	Ocotillo-Lower San Felipe Hydrologic Subunit
X-14.00	CHEMEHUEVI HYDROLOGIC UNIT	X-22.C0	Mescal Bajada Hydrologic Subunit
X-15.00	COLORADO HYDROLOGIC UNIT	X-22.D0	San Felipe Hydrologic Subunit
X-15.A0	Vidal Hydrologic Subunit	X-22.E0	Mason Hydrologic Subunit
X-15.B0	Big Wash Hydrologic Subunit	X-22.F0	Vallecito-Carrizo Hydrologic Subunit
X-15.C0	Quien Sabe Hydrologic Subunit	X-22.F1	Carrizo Hydrologic Subarea
X-15.D0	Palo Verde Hydrologic Subunit	X-22.F2	Vallecito Hydrologic Subarea
X-15.E0	Arroyo Seco Hydrologic Subunit	X-22.F3	Canebrake Hydrologic Subarea
X-16.00	RICE HYDROLOGIC UNIT	X-22.G0	Jacumba Hydrologic Subunit
X-17.00	CHUCKWALLA HYDROLOGIC UNIT	X-22.G1	McCain Hydrologic Subarea
X-17.A0	Ford Hydrologic Subunit	X-22.G2	Jacumba Hydrologic Subarea
X-17.B0	Palen Hydrologic Subunit	X-23.00	IMPERIAL HYDROLOGIC UNIT
X-17.C0	Pinto Hydrologic Subunit	X-23.A0	Imperial Hydrologic Subunit
X-17.D0	Pleasant Hydrologic Subunit	X-23.B0	Coyote Wells Hydrologic Subunit
X-18.00	HAYFIELD HYDROLOGIC UNIT	X-24.00	DAVIES HYDROLOGIC UNIT
		X-25.00	EAST SALTON SEA HYDROLOGIC UNIT
		X-26.00	AMOS-OGILBY HYDROLOGIC UNIT
		X-27.00	YUMA HYDROLOGIC UNIT



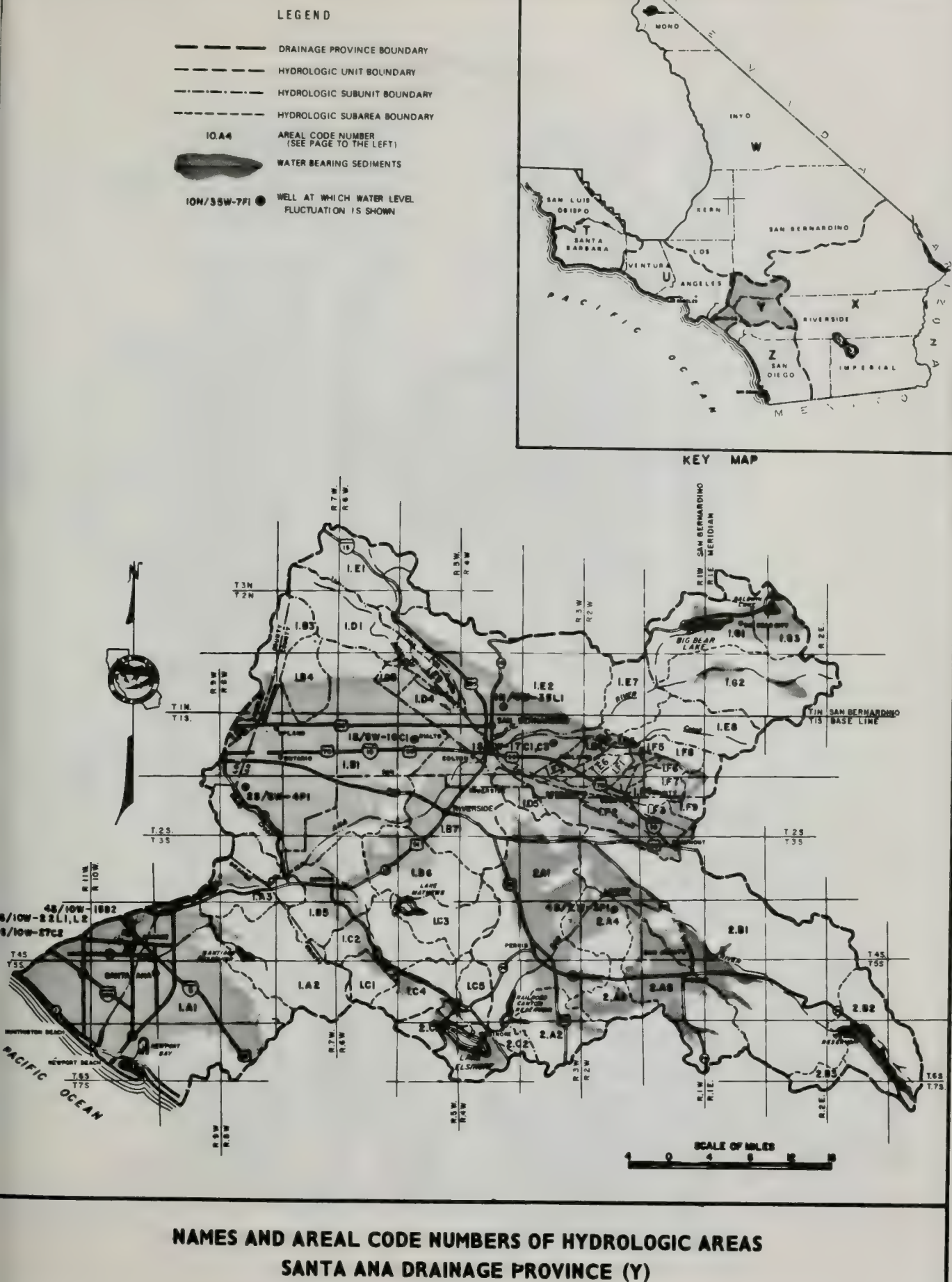


**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
COLORADO RIVER BASIN DRAINAGE PROVINCE (X)**

**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**SANTA ANA DRAINAGE PROVINCE**

<b>Y-01.00</b>	<b>SANTA ANA RIVER HYDROLOGIC UNIT</b>
Y-01.A0	Lower Santa Ana River Hydrologic Subunit
Y-01.A1	East Coastal Plain Hydrologic Subarea
Y-01.A2	Santiago Hydrologic Subarea
Y-01.A3	Santa Ana Narrows Hydrologic Subarea
<b>Y-01.B0</b>	<b>Middle Santa Ana River Hydrologic Subunit</b>
Y-01.B1	Chino Hydrologic Subarea
Y-01.B2	Harrison Hydrologic Subarea
Y-01.B3	Claremont Heights Hydrologic Subarea
Y-01.B4	Cucamonga Hydrologic Subarea
Y-01.B5	Temescal Hydrologic Subarea
Y-01.B6	Arlington Hydrologic Subarea
Y-01.B7	Riverside Hydrologic Subarea
<b>Y-01.C0</b>	<b>Lake Mathews Hydrologic Subunit</b>
Y-01.C1	Coldwater Hydrologic Subarea
Y-01.C2	Bedford Hydrologic Subarea
Y-01.C3	Cajalco Hydrologic Subarea
Y-01.C4	Lee Lake Hydrologic Subarea
Y-01.C5	Terra Cotta Hydrologic Subarea
<b>Y-01.D0</b>	<b>Colton-Rialto Hydrologic Subunit</b>
Y-01.D1	Upper Lytle Hydrologic Subarea
Y-01.D2	Lower Lytle Hydrologic Subarea
Y-01.D3	Upper Colton-Rialto Hydrologic Subarea
Y-01.D4	Colton-Rialto Hydrologic Subarea
Y-01.D5	Reche Hydrologic Subarea
<b>Y-01.E0</b>	<b>Upper Santa Ana River Hydrologic Subunit</b>
Y-01.E1	Cajon Hydrologic Subarea
Y-01.E2	Bunker Hill Hydrologic Subarea
Y-01.E3	Redlands Hydrologic Subarea
Y-01.E4	Mentone Hydrologic Subarea
Y-01.E5	Reservoir Hydrologic Subarea
Y-01.E6	Crafton Hydrologic Subarea
Y-01.E7	Santa Ana Canyon Hydrologic Subarea
Y-01.E8	Mill Creek Hydrologic Subarea
Y-01.E9	Sycamore Hydrologic Subarea
<b>Y-01.F0</b>	<b>San Timoteo Hydrologic Subunit</b>
Y-01.F1	Yucaipa Hydrologic Subarea
Y-01.F2	San Timoteo Hydrologic Subarea
Y-01.F3	Cherry Valley Hydrologic Subarea
Y-01.F4	Chicken Hill Hydrologic Subarea
Y-01.F5	Gateway Hydrologic Subarea
Y-01.F6	Oak Glen Hydrologic Subarea
Y-01.F7	South Mesa Hydrologic Subarea
Y-01.F8	Triple Falls Creek Hydrologic Subarea
Y-01.F9	Nobie Creek Hydrologic Subarea
<b>Y-01.G0</b>	<b>San Bernardino Mountain Hydrologic Subunit</b>
Y-01.G1	Bear Valley Hydrologic Subarea
Y-01.G2	Seven Oaks Hydrologic Subarea
Y-01.G3	Baldwin Hydrologic Subarea
<b>Y-02.00</b>	<b>SAN JACINTO VALLEY HYDROLOGIC UNIT</b>
<b>Y-02.A0</b>	<b>Perris Hydrologic Subunit</b>
Y-02.A1	Perris Valley Hydrologic Subarea
Y-02.A2	Menifee Hydrologic Subarea
Y-02.A3	Winchester Hydrologic Subarea
Y-02.A4	Lakeview Hydrologic Subarea
Y-02.A5	Hemet Hydrologic Subarea
<b>Y-02.B0</b>	<b>San Jacinto Hydrologic Subunit</b>
Y-02.B1	San Jacinto Hydrologic Subarea
Y-02.B2	Hemet Lake Hydrologic Subarea
Y-02.B3	Bautista Hydrologic Subarea
<b>Y-02.C0</b>	<b>Elsinore Hydrologic Subunit</b>
Y-02.C1	Elsinore Hydrologic Subarea
Y-02.C2	Railroad Hydrologic Subarea







**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**SAN DIEGO DRAINAGE PROVINCE**

<b>Z-01.00 SAN JUAN HYDROLOGIC UNIT</b>		<b>Z-05.D0 Santa Maria Valley Hydrologic Subunit</b>	
Z-01.A0	Laguna Hydrologic Subunit	Z-05.D1	Ramona Hydrologic Subarea
Z-01.A1	San Joaquin Hydrologic Subarea	Z-05.D2	Lower Hatfield Hydrologic Subarea
Z-01.A2	Laguna Hydrologic Subarea	Z-05.D3	Wash Hollow Hydrologic Subarea
Z-01.A3	Aliso Hydrologic Subarea	Z-05.D4	Upper Hatfield Hydrologic Subarea
Z-01.A4	Dana Point Hydrologic Subarea	Z-05.D5	Ballena Hydrologic Subarea
Z-01.B0	San Juan Hydrologic Subunit	Z-05.D6	East Santa Teresa Hydrologic Subarea
Z-01.D0	San Clemente Hydrologic Subunit	Z-05.D7	West Santa Teresa Hydrologic Subarea
Z-01.E0	San Onofre Hydrologic Subunit	Z-05.E0	Santa Ysabel Hydrologic Subunit
Z-01.E1	San Onofre Hydrologic Subarea	Z-05.E1	Boden Hydrologic Subarea
Z-01.E2	Las Pulgas Hydrologic Subarea	Z-05.E2	Pamo Hydrologic Subarea
Z-01.E3	Stuart Hydrologic Subarea	Z-05.E3	Sutherland Hydrologic Subarea
		Z-05.E4	Santa Ysabel Hydrologic Subarea
<b>Z-02.00 SANTA MARGARITA HYDROLOGIC UNIT</b>		<b>Z-06.00 PENASQUITOS HYDROLOGIC UNIT</b>	
Z-02.A0	Ysidora Hydrologic Subunit	Z-06.A0	Soledad Hydrologic Subunit
Z-02.A1	Ysidora Hydrologic Subarea	Z-06.B0	Poway Hydrologic Subunit
Z-02.A2	Chappo Hydrologic Subarea	Z-06.C0	Scripps Hydrologic Subunit
Z-02.A3	Upper Ysidora Hydrologic Subarea	Z-06.D0	Miramar Hydrologic Subunit
Z-02.B0	De Luz Hydrologic Subunit	Z-06.E0	Tecolote Hydrologic Subunit
Z-02.B1	De Luz Hydrologic Subarea		
Z-02.B2	Gavilan Hydrologic Subarea	<b>Z-07.00 SAN DIEGO HYDROLOGIC UNIT</b>	
Z-02.B3	Vallecitos Hydrologic Subarea	Z-07.A0	Lower San Diego Hydrologic Subunit
Z-02.C0	Murrieta Hydrologic Subunit	Z-07.A1	Mission San Diego Hydrologic Subarea
Z-02.C1	Wildomar Hydrologic Subarea	Z-07.A2	Santee Hydrologic Subarea
Z-02.C2	Murrieta Hydrologic Subarea	Z-07.A3	El Cajon Hydrologic Subarea
Z-02.C3	French Hydrologic Subarea	Z-07.A4	Coches Hydrologic Subarea
Z-02.C4	Lower Domenigoni Hydrologic Subarea	Z-07.A5	El Monte Hydrologic Subarea
Z-02.C5	Domenigoni Hydrologic Subarea	Z-07.B0	San Vicente Hydrologic Subunit
Z-02.C6	Diamond Hydrologic Subarea	Z-07.B1	San Vicente Hydrologic Subarea
Z-02.D0	Auld Hydrologic Subunit	Z-07.B2	Kimball Hydrologic Subarea
Z-02.D1	Auld Hydrologic Subarea	Z-07.B3	Gower Hydrologic Subarea
Z-02.D2	Gertrudis Hydrologic Subarea	Z-07.B4	Barona Hydrologic Subarea
Z-02.D3	Lower Tualota Hydrologic Subarea	Z-07.C0	El Capitan Hydrologic Subunit
Z-02.D4	Tualota Hydrologic Subarea	Z-07.C1	El Capitan Hydrologic Subarea
Z-02.E0	Pechanga Hydrologic Subunit	Z-07.C2	Glen Oaks Hydrologic Subarea
Z-02.E1	Pauba Hydrologic Subarea	Z-07.C3	Alpine Hydrologic Subarea
Z-02.E2	Pechanga Hydrologic Subarea	Z-07.D0	Cuyamaca Hydrologic Subunit
Z-02.F0	Wilson Hydrologic Subunit	Z-07.D1	Inaja Hydrologic Subarea
Z-02.F1	Lancaster Valley Hydrologic Subarea	Z-07.D2	Spencer Hydrologic Subarea
Z-02.F2	Lewis Hydrologic Subarea	Z-07.D3	Cuyamaca Hydrologic Subarea
Z-02.F3	Wilson Hydrologic Subarea		
Z-02.G0	Anza Hydrologic Subunit	<b>Z-08.00 CORONADO HYDROLOGIC UNIT</b>	
Z-02.G1	Lower Coahuila Hydrologic Subarea	Z-08.A0	Point Loma Hydrologic Subunit
Z-02.G2	Upper Coahuila Hydrologic Subarea	Z-08.B0	San Diego Mesa Hydrologic Subunit
Z-02.G3	Anza Hydrologic Subarea	Z-08.B1	Lindbergh Hydrologic Subarea
Z-02.G4	Burnt Hydrologic Subarea	Z-08.B2	Chollas Hydrologic Subarea
Z-02.H0	Agua Hydrologic Subunit	Z-08.C0	Paradise Hydrologic Subunit
Z-02.H1	Vail Hydrologic Subarea	Z-08.C1	El Toyon Hydrologic Subarea
Z-02.H2	Devils Hole Hydrologic Subarea	Z-08.C2	Paradise Hydrologic Subarea
Z-02.H3	Redec Hydrologic Subarea		
Z-02.H4	Agua Hydrologic Subarea	<b>Z-09.00 SWEETWATER HYDROLOGIC UNIT</b>	
Z-02.I0	Oakgrove Hydrologic Subunit	Z-09.A0	Lower Sweetwater Hydrologic Subunit
Z-02.I1	Lower Culp Hydrologic Subarea	Z-09.A1	Telegraph Hydrologic Subarea
Z-02.I2	Oakgrove Hydrologic Subarea	Z-09.A2	Sweetwater Hydrologic Subarea
Z-02.I3	Dodge Hydrologic Subarea	Z-09.B0	Middle Sweetwater Hydrologic Subunit
Z-02.I4	Chihuahua Hydrologic Subarea	Z-09.B1	Jamacha Hydrologic Subarea
		Z-09.B2	Hillsdale Hydrologic Subarea
<b>Z-03.00 SAN LUIS REY HYDROLOGIC UNIT</b>		Z-09.B3	Dehesa Hydrologic Subarea
Z-03.A0	Bonsall Hydrologic Subunit	Z-09.B4	Galloway Hydrologic Subarea
Z-03.A1	Mission Hydrologic Subarea	Z-09.B5	Sequan Hydrologic Subarea
Z-03.A2	Bonsall Hydrologic Subarea	Z-09.B6	Alpine Heights Hydrologic Subarea
Z-03.A3	Moosa Hydrologic Subarea	Z-09.C0	Upper Sweetwater Hydrologic Subunit
Z-03.A4	Valley Center Hydrologic Subarea	Z-09.C1	Loveland Hydrologic Subarea
Z-03.A5	Woods Hydrologic Subarea	Z-09.C2	Japantul Hydrologic Subarea
Z-03.A6	Rincon Hydrologic Subarea	Z-09.C3	Viejas Hydrologic Subarea
Z-03.B0	Monserate Hydrologic Subunit	Z-09.C4	Descanso Hydrologic Subarea
Z-03.B1	Pala Hydrologic Subarea	Z-09.C5	Garnet Hydrologic Subarea
Z-03.B2	Pauma Hydrologic Subarea		
Z-03.B3	San Luis Rey Hydrologic Subarea	<b>Z-10.00 OTAY HYDROLOGIC UNIT</b>	
Z-03.C0	Warner Hydrologic Subunit	Z-10.A0	Coronado Hydrologic Subunit
Z-03.C1	Warner Hydrologic Subarea	Z-10.B0	Otay Hydrologic Subunit
Z-03.C2	Combs Hydrologic Subarea	Z-10.C0	Dulzura Hydrologic Subunit
		Z-10.C1	Savage Hydrologic Subarea
<b>Z-04.00 CARLSBAD HYDROLOGIC UNIT</b>		Z-10.C2	Proctor Hydrologic Subarea
Z-04.A0	Loma Alta Hydrologic Subunit	Z-10.C3	Jamul Hydrologic Subarea
Z-04.B0	Vista Hydrologic Subunit	Z-10.C4	Lee Hydrologic Subarea
Z-04.B1	Carlsbad Hydrologic Subarea	Z-10.C5	Lyon Hydrologic Subarea
Z-04.B2	Vista Hydrologic Subarea	Z-10.C6	Dulzura Hydrologic Subarea
Z-04.C0	Agua Hedionda Hydrologic Subunit	Z-10.C7	Engineer Springs Hydrologic Subarea
Z-04.C1	Agua Hedionda Hydrologic Subarea		
Z-04.C2	Buena Hydrologic Subarea	<b>Z-11.00 TIA JUANA HYDROLOGIC UNIT</b>	
Z-04.D0	Encinas Hydrologic Subunit	Z-11.A0	Tia Juana Hydrologic Subunit
Z-04.E0	San Marcos Hydrologic Subunit	Z-11.A1	Tia Juana Hydrologic Subarea
Z-04.E1	Batiquitos Hydrologic Subarea	Z-11.A2	San Ysidro Hydrologic Subarea
Z-04.E2	San Marcos Hydrologic Subarea	Z-11.B0	Potrero Hydrologic Subunit
Z-04.E3	Twin Oaks Hydrologic Subarea	Z-11.B1	Marron Hydrologic Subarea
Z-04.F0	Escondido Hydrologic Subunit	Z-11.B2	Bee Canyon Hydrologic Subarea
Z-04.F1	San Elijo Hydrologic Subarea	Z-11.B3	Barrett Hydrologic Subarea
Z-04.F2	Escondido Hydrologic Subarea	Z-11.B4	Round Potrero Hydrologic Subarea
Z-04.F3	Lake Wohlford Hydrologic Subarea	Z-11.B5	Potrero Hydrologic Subarea
		Z-11.C0	Barrett Lake Hydrologic Subunit
<b>Z-05.00 SAN DIEGUITO HYDROLOGIC UNIT</b>		Z-11.D0	Monument Hydrologic Subunit
Z-05.A0	San Dieguito Hydrologic Subunit	Z-11.D1	Pine Hydrologic Subarea
Z-05.A1	San Dieguito Hydrologic Subarea	Z-11.D2	Monument Hydrologic Subarea
Z-05.A2	La Jolla Hydrologic Subarea	Z-11.E0	Morena Hydrologic Subunit
Z-05.B0	Hodges Hydrologic Subunit	Z-11.F0	Cottonwood Hydrologic Subunit
Z-05.B1	Hodges Hydrologic Subarea	Z-11.G0	Cameron Hydrologic Subunit
Z-05.B2	Green Hydrologic Subarea	Z-11.H0	Campo Hydrologic Subunit
Z-05.B3	Felicita Hydrologic Subarea	Z-11.H1	Tecate Hydrologic Subarea
Z-05.B4	Bear Hydrologic Subarea	Z-11.H2	Campo Hydrologic Subarea
Z-05.C0	San Pasqual Hydrologic Subunit	Z-11.H3	Clover Flat Hydrologic Subarea
Z-05.C1	Highland Hydrologic Subarea	Z-11.H4	Hill Hydrologic Subarea
Z-05.C2	San Pasqual Hydrologic Subarea	Z-11.H5	Hipass Hydrologic Subarea
Z-05.C3	Reed Hydrologic Subarea		
Z-05.C4	Hidden Hydrologic Subarea		
Z-05.C5	Guejito Hydrologic Subarea		
Z-05.C6	Vineyard Hydrologic Subarea		

# LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- - - HYDROLOGIC SUBUNIT BOUNDARY
- - - HYDROLOGIC SUBAREA BOUNDARY
- 10 A4 AREAL CODE NUMBER  
(SEE PAGE TO THE LEFT)
- WATER BEARING SEDIMENTS
- WELL AT WHICH WATER LEVEL  
FLUCTUATION IS SHOWN



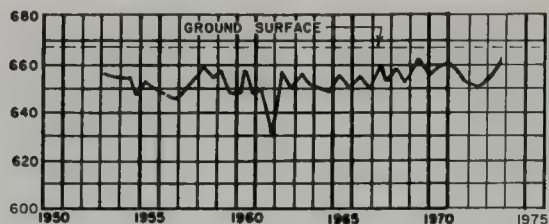
## NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS SAN DIEGO DRAINAGE PROVINCE (Z)



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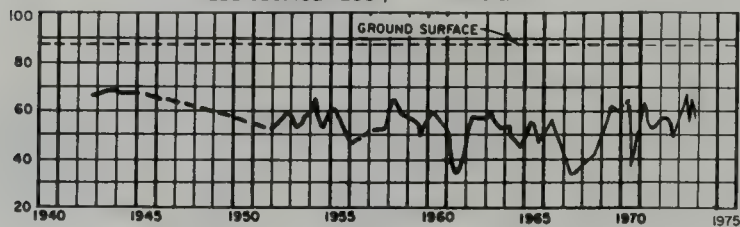
## PASO ROBLES HYDROLOGIC SUBUNIT (T-09.H0)

WELL 26S/12E-9M2, M. D. B. & M.



## ARROYO GRANDE HYDROLOGIC SUBUNIT (T-10.CO)

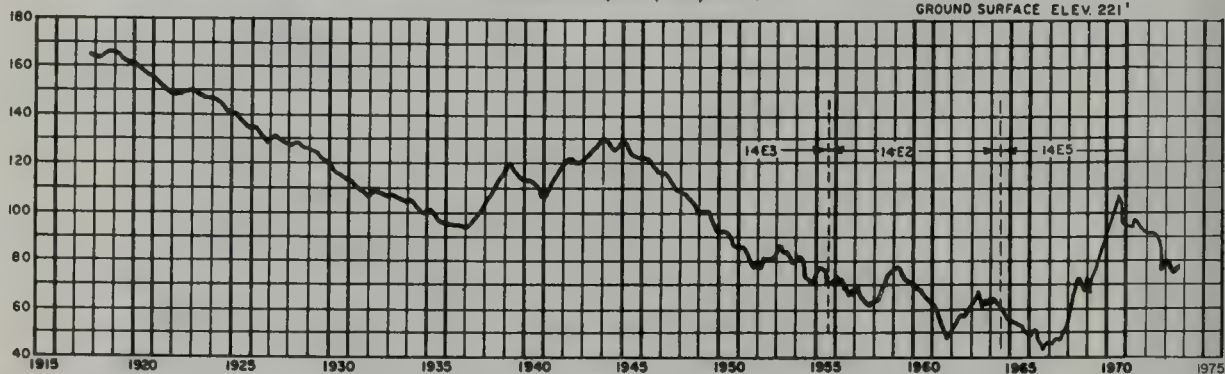
WELL 32S/13E-28G1, M.D.B.&M.



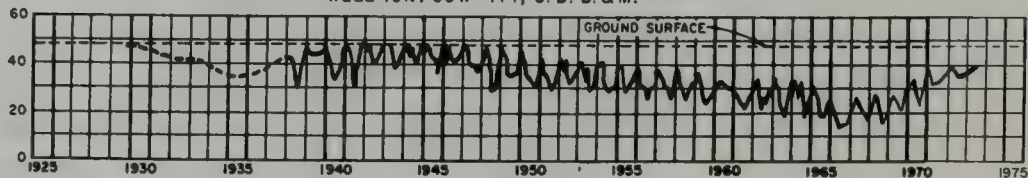
## SANTA MARIA HYDROLOGIC SUBUNIT (T-12.A0)

WELLS 10N/34W-14E3, 14E2, 14E5, S.B.B.&M.

GROUND SURFACE ELEV. 221'



WELL 10N/35W-7F1, S. B. B. & M.



YEAR

NOTE: LOCATION OF WELLS SHOWN ON PAGE 55

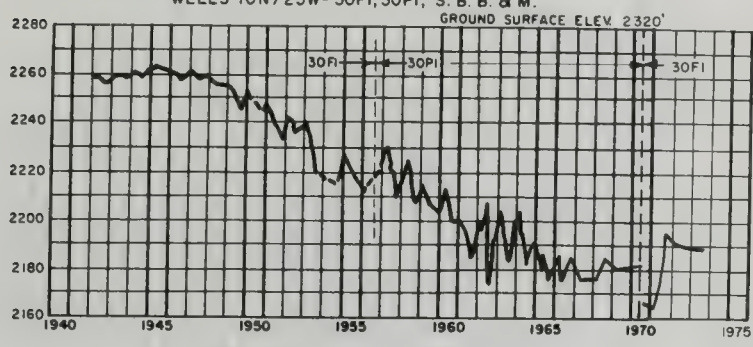
## FLUCTUATION OF WATER LEVEL IN WELLS



DATUM  
U. S. G. S.  
FEET  
IN  
ELEVATION

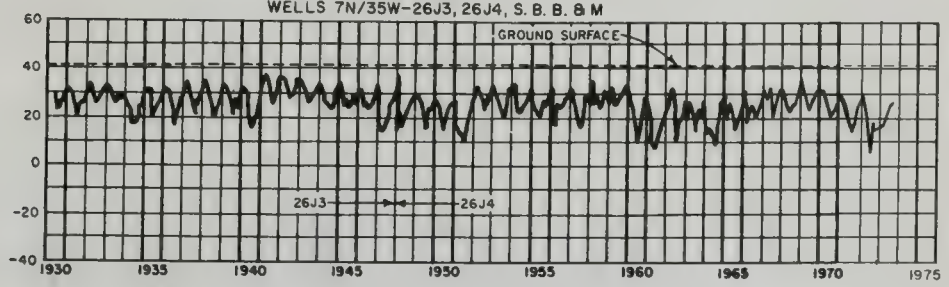
### CUYAMA VALLEY HYDROLOGIC SUBUNIT (T-12.CO)

WELLS 10N/25W-30FI, 30PI, S. B. B. & M.



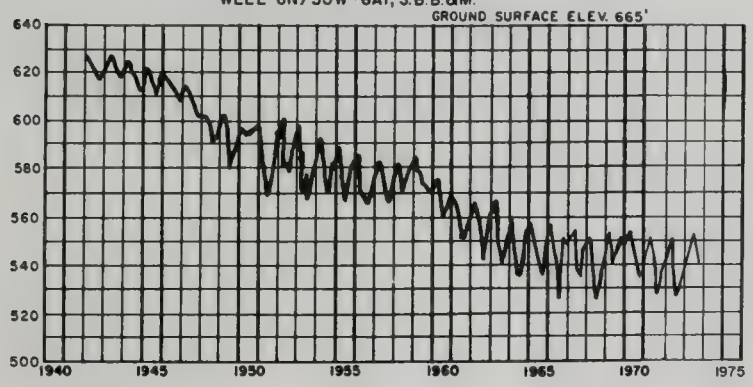
### LOMPOC HYDROLOGIC SUBUNIT (T-14.A0)

WELLS 7N/35W-26J3, 26J4, S. B. B. & M.



### SANTA YNEZ HYDROLOGIC SUBUNIT (T-14.D0)

WELL 6N/30W-6AI, S. B. B. & M.



NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 55

YEAR

## FLUCTUATION OF WATER LEVEL IN WELLS

DATUM

U. S. G. S.

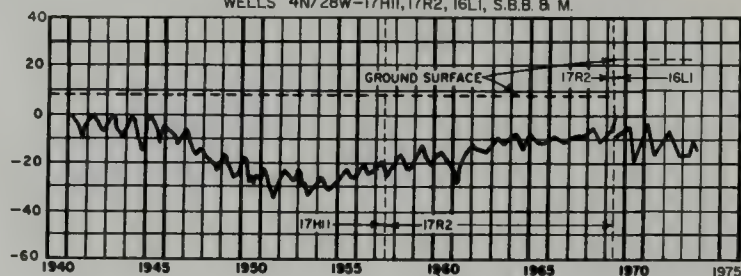
FEET

IN

ELEVATION

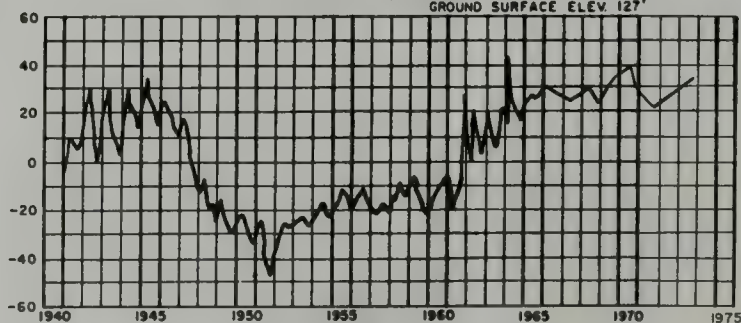
# SOUTH COAST HYDROLOGIC SUBUNIT (T-15.CO)

WELLS 4N/28W-17H11, 17R2, 16L1, S.B.B. & M.



WELL 4N/25W-27Q2, S.B.B. & M.

GROUND SURFACE ELEV. 127'



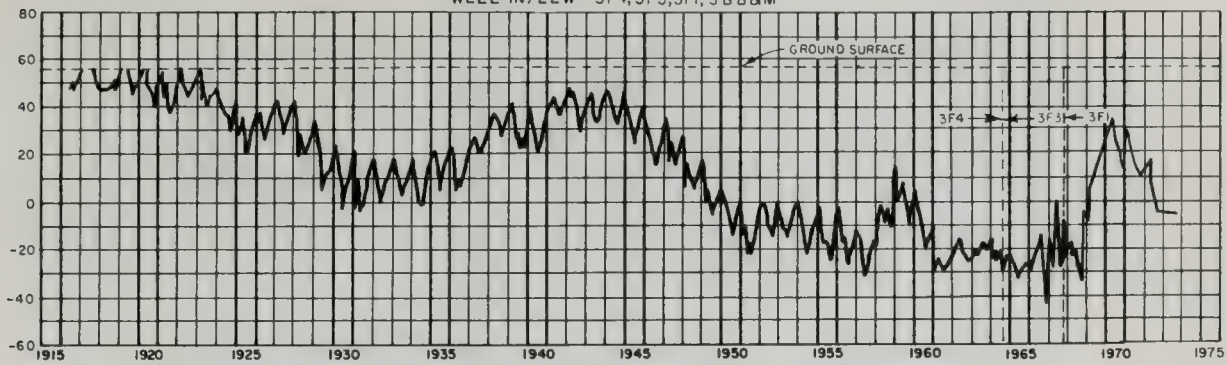
YEAR

NOTE: LOCATION OF WELLS SHOWN ON PAGE 55

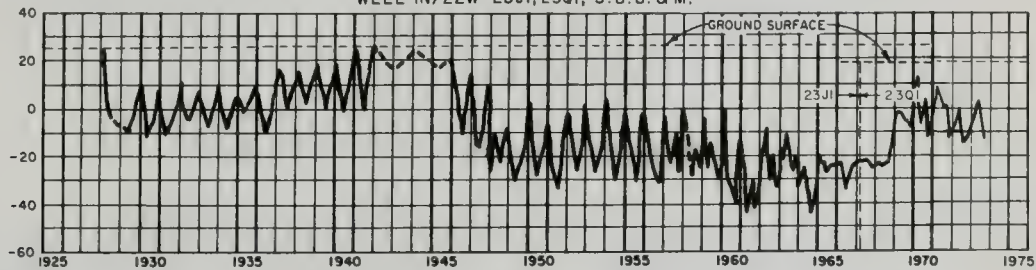
## FLUCTUATION OF WATER LEVEL IN WELLS

# OXNARD PLAIN HYDROLOGIC SUBUNIT (U-03.A0)

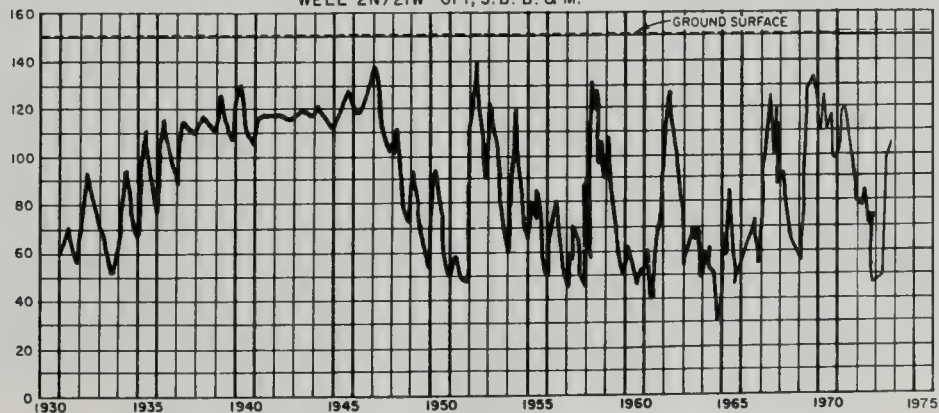
WELL IN/22W-3F4,3F3,3F1, S.B.B. & M.



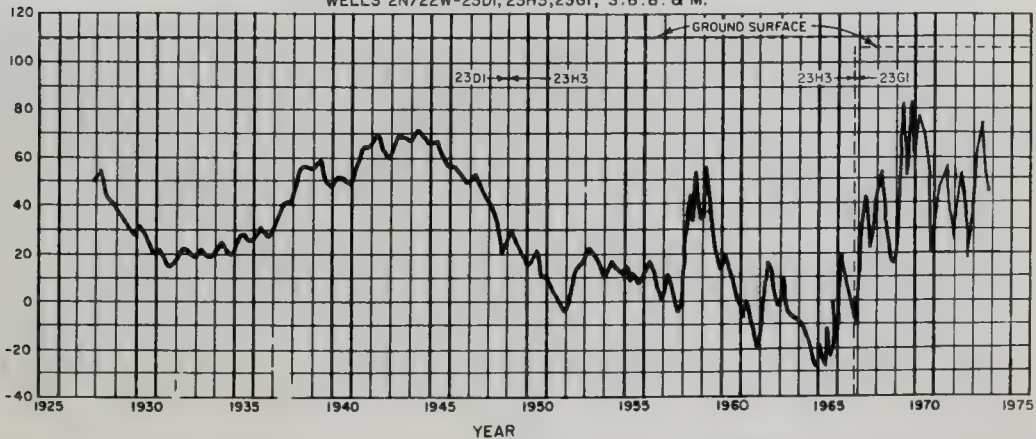
WELL IN/22W-23J1,23Q1, S.B.B. & M.



WELL 2N/21W-6P1, S.B.B. & M.



WELLS 2N/22W-23D1,23H3,23G1, S.B.B. & M.



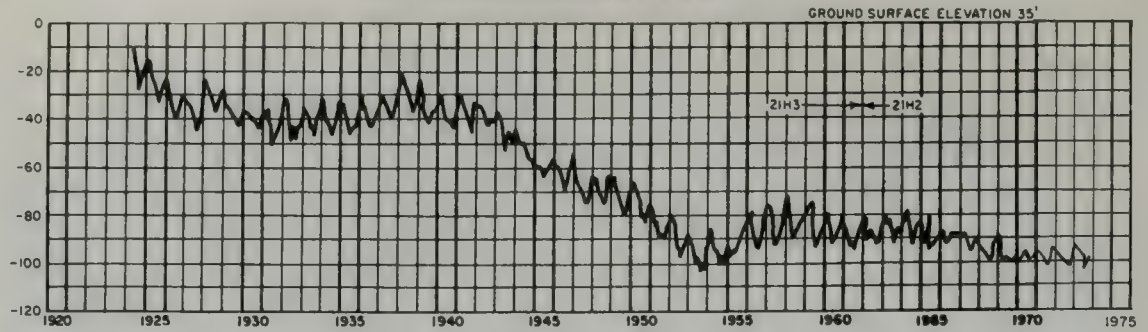
NOTE. LOCATION OF WELLS SHOWN ON PAGE 57

## FLUCTUATION OF WATER LEVEL IN WELLS

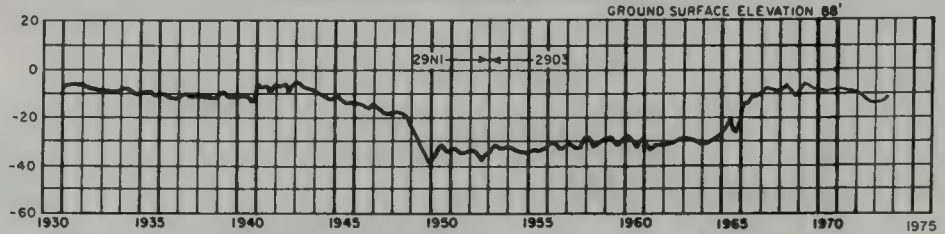


## COASTAL PLAIN OF LOS ANGELES COUNTY HYDROLOGIC SUBUNIT (U-05.A0)

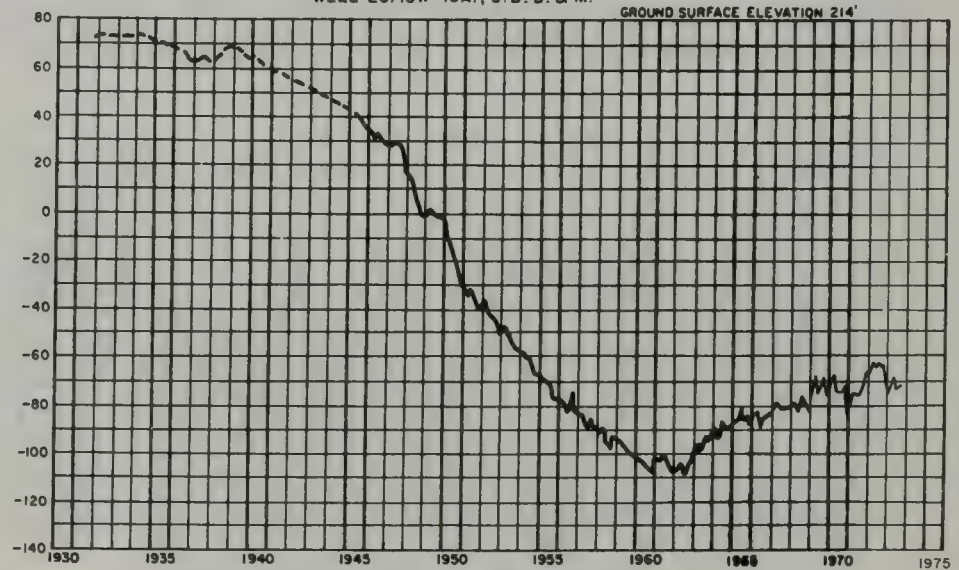
WELLS 4S/13W-21H3, 21H2, S. B. B. &amp; M.



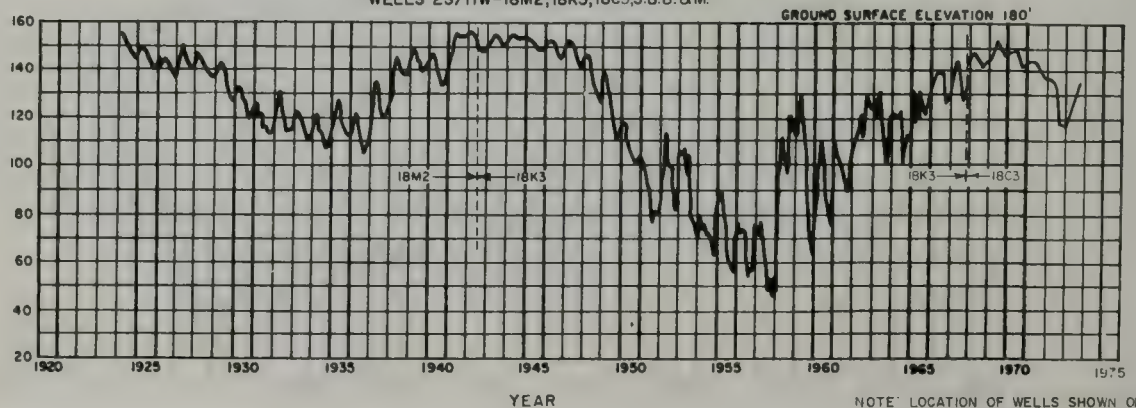
WELLS 3S/14W-29N1, 29D3, S. B. B. &amp; M.



WELL 2S/13W-10A1, S. B. B. &amp; M.



WELLS 2S/11W-18M2, 18K3, 18C3, S. B. B. &amp; M.



YEAR

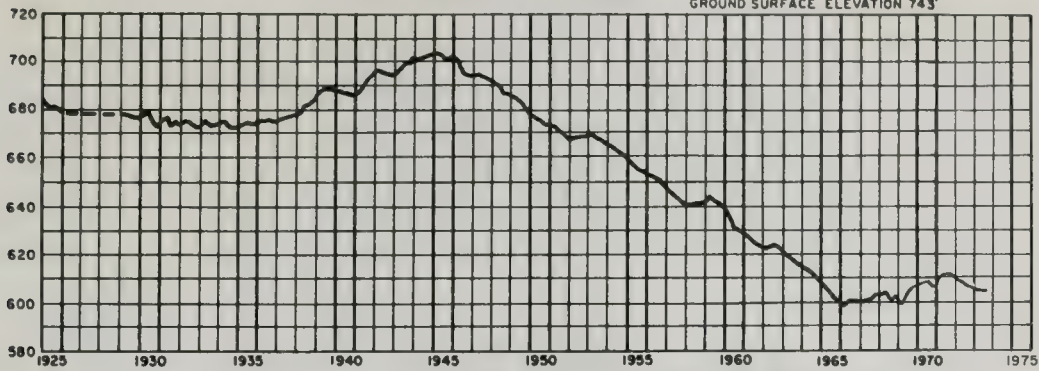
NOTE: LOCATION OF WELLS SHOWN ON PA

## FLUCTUATION OF WATER LEVEL IN WELLS

## SAN FERNANDO HYDROLOGIC SUBUNIT (U-05.B0)

WELL IN/15W-6N1, S.B.B.&amp;M.

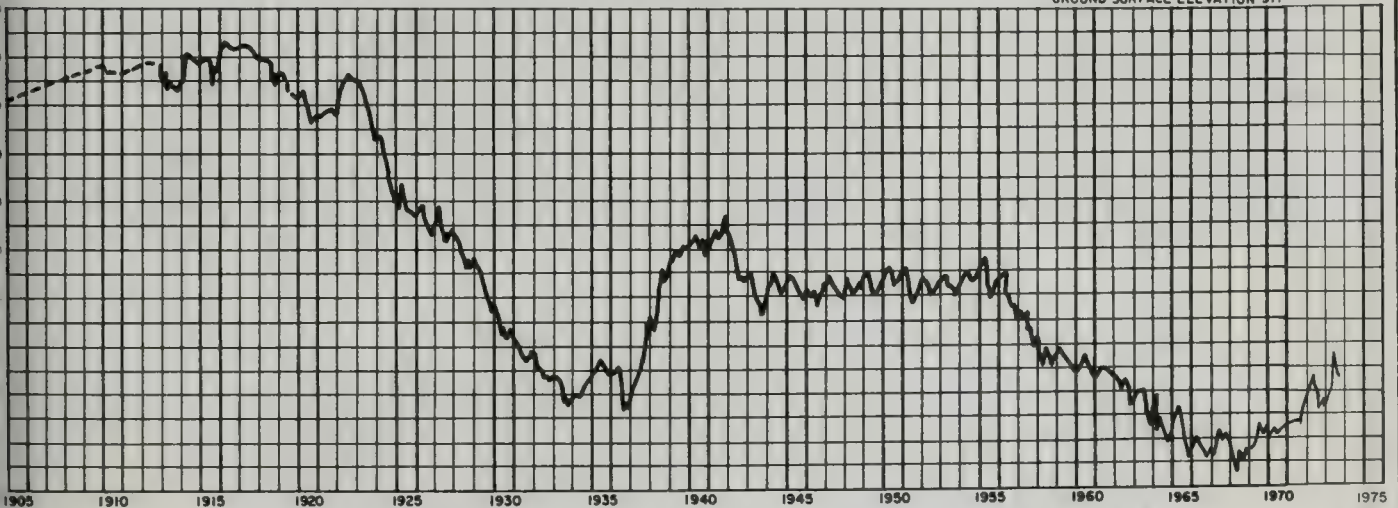
GROUND SURFACE ELEVATION 743'



## RAYMOND HYDROLOGIC SUBUNIT(U-05.C0)

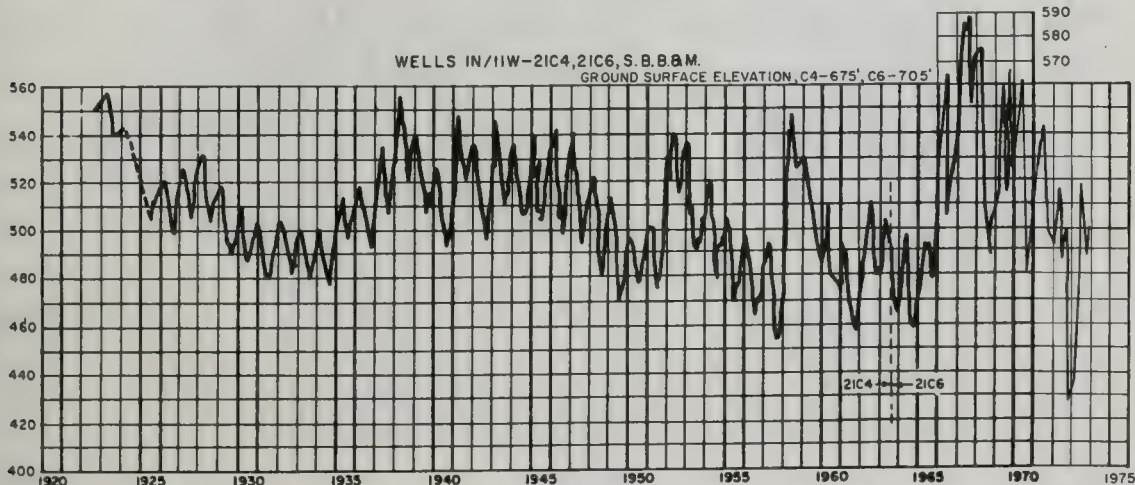
WELL IN/12W-20B1, S.B.B.&amp;M.

GROUND SURFACE ELEVATION 917'



WELLS IN/11W-21C4, 21C6, S.B.B.&amp;M.

GROUND SURFACE ELEVATION, C4-675', C6-705'

NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 57

YEAR

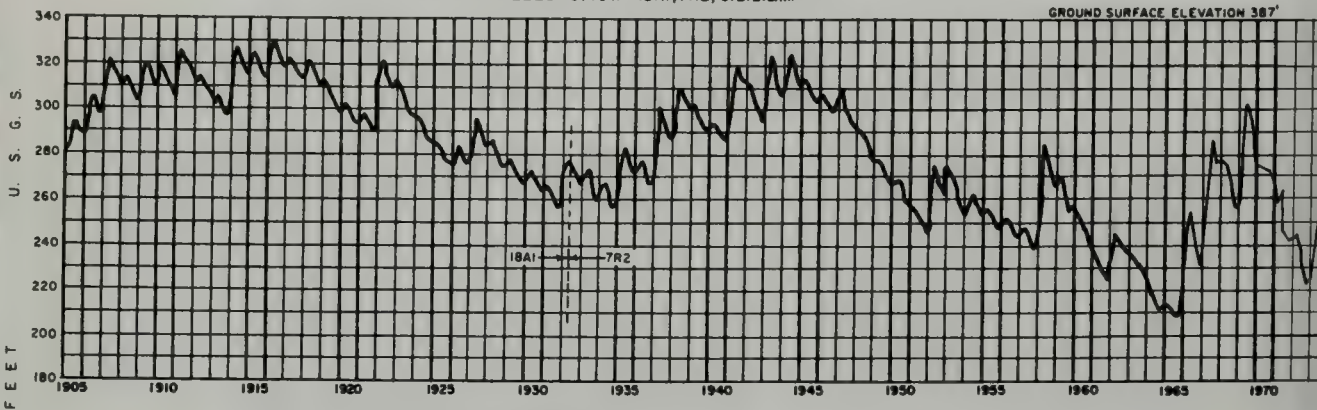
## FLUCTUATION OF WATER LEVEL IN WELLS

DATUM

### SAN GABRIEL VALLEY HYDROLOGIC SUBUNIT (U-05.D0)

WELLS 1S/10W-18A1,7R2, S.B.B.M.

GROUND SURFACE ELEVATION 387'

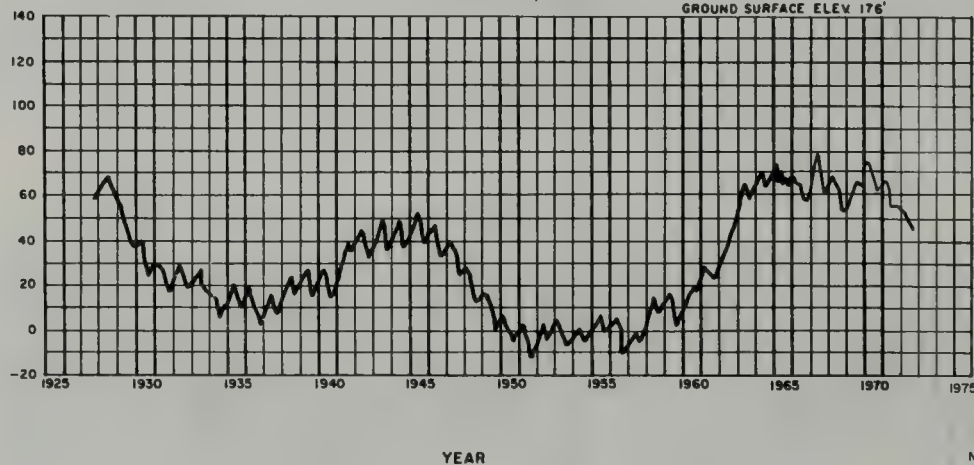


ELEVATION IN FEET

### ANAHEIM HYDROLOGIC SUBUNIT (U-05.F0)

WELL 3S/10W-27N1, S.B.B.M.

GROUND SURFACE ELEV 176'



NOTE: LOCATION OF WELL SHOWN ON PAGE 57

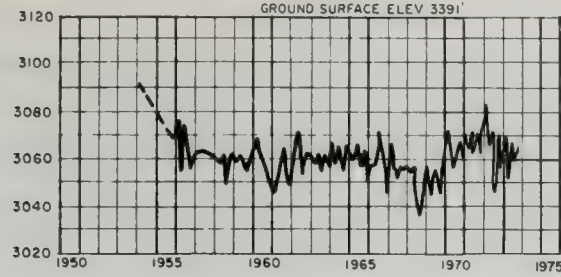
## FLUCTUATION OF WATER LEVEL IN WELLS



## ANTELOPE HYDROLOGIC SUBUNIT (W-26.A0)

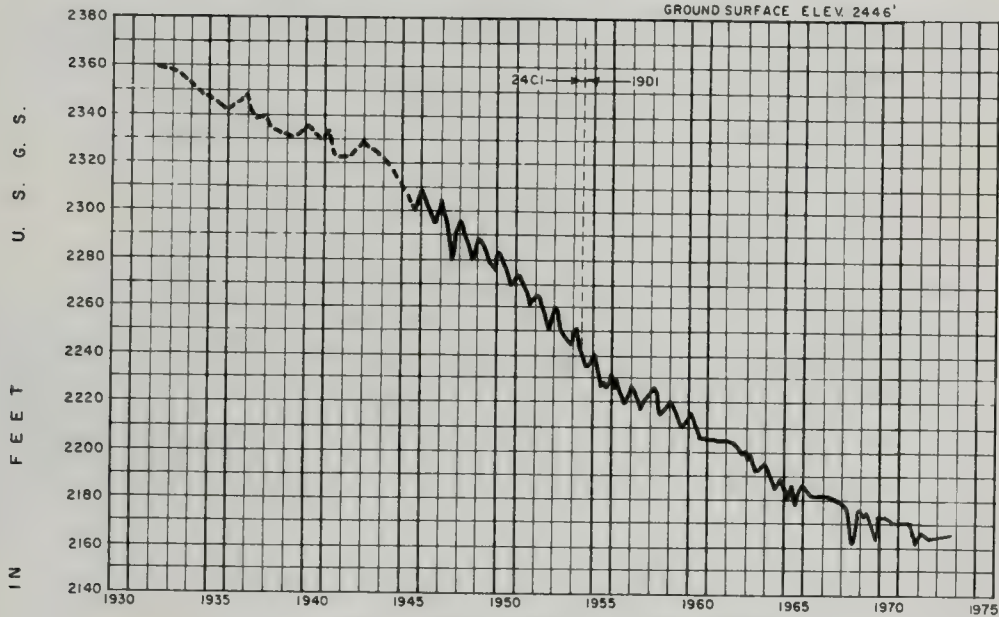
WELL IIN/13W-29MI, S.B.B. &amp; M.

GROUND SURFACE ELEV. 3391'



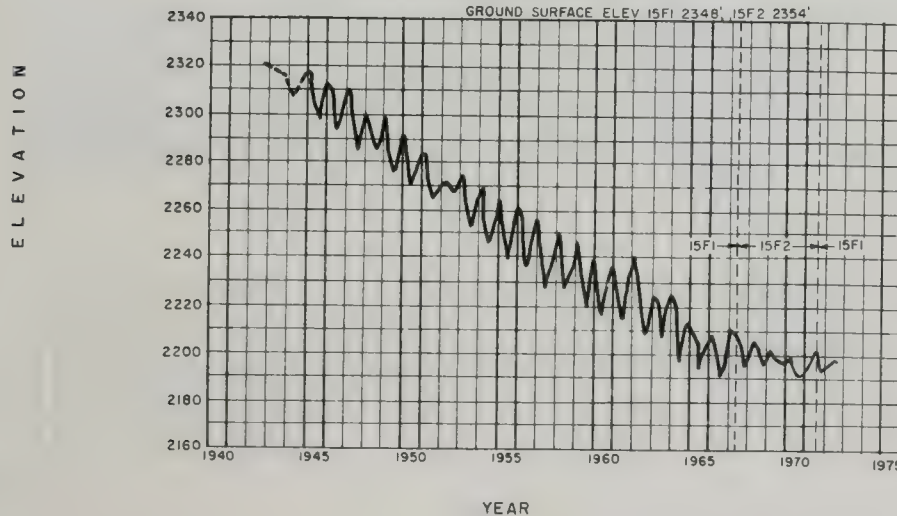
WELLS 7N/11W-24CI, 7N/10W-19DI, S. B. B. &amp; M.

GROUND SURFACE ELEV. 2446'



WELL 7N/12W-15F1, 15F2, S.B.B. &amp; M.

GROUND SURFACE ELEV 15F1 2348', 15F2 2354'

NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 59

## FLUCTUATION OF WATER LEVEL IN WELLS

D A T U M

U. S. G. S.

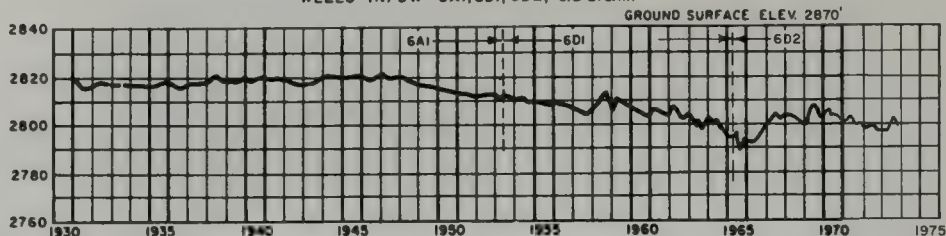
F E E T

I N

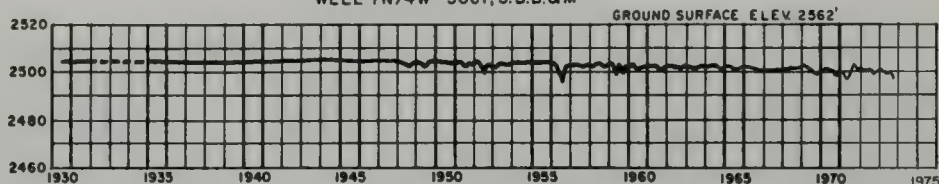
E L E V A T I O N

# UPPER MOJAVE HYDROLOGIC SUBUNIT (W-28.B0)

WELLS 4N/3W-6A1,6D1,6D2, S.B.B.&M.

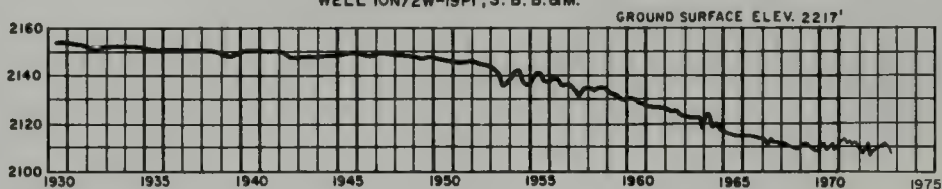


WELL 7N/4W-30C1, S.B.B.&M



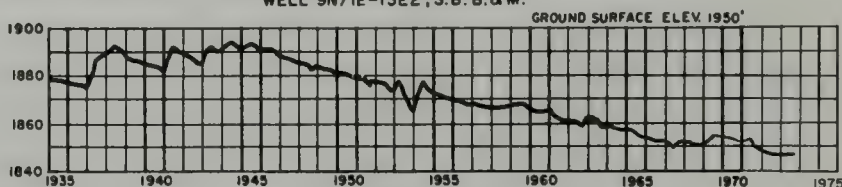
# MIDDLE MOJAVE HYDROLOGIC SUBUNIT (W-28.C0)

WELL 10N/2W-19P1, S. B. B. & M.

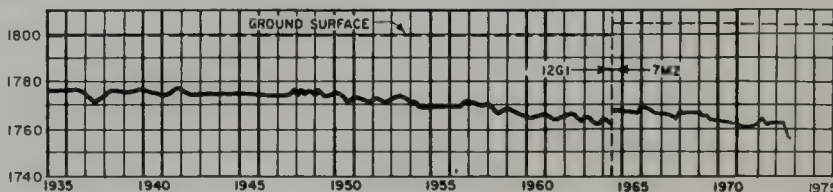


# LOWER MOJAVE HYDROLOGIC SUBUNIT (W-28.E0)

WELL 9N/1E-13E2, S. B. B. & M.



WELLS 9N/3E-12G1, 9N/4E-7M2, S. B. B. & M



NOTE: LOCATION OF  
SHOWN ON PA

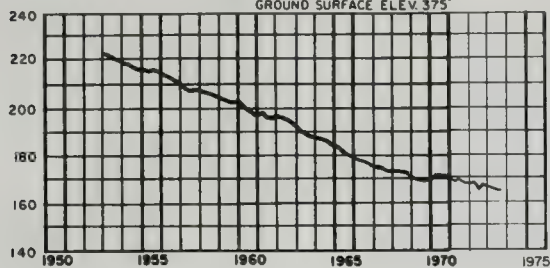
YEAR

## FLUCTUATION OF WATER LEVEL IN WELLS

# COACHELLA HYDROLOGIC SUBUNIT (X-19.DO)

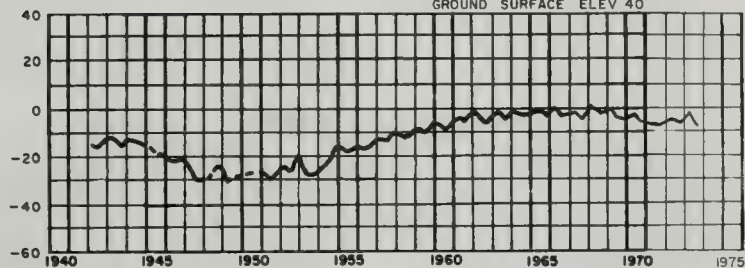
WELL 4S/5E-17LI S.B.B.&M.

GROUND SURFACE ELEV. 375'



WELL 5S/7E-21F2 S.B.B.&M.

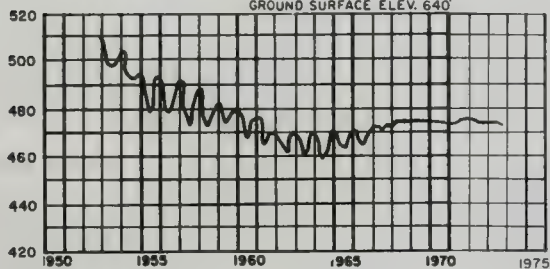
GROUND SURFACE ELEV. 40'



# BORREGO HYDROLOGIC SUBUNIT (X-22.A0)

WELL 10S/6E-21A1 S.B.B.&M.

GROUND SURFACE ELEV. 640'

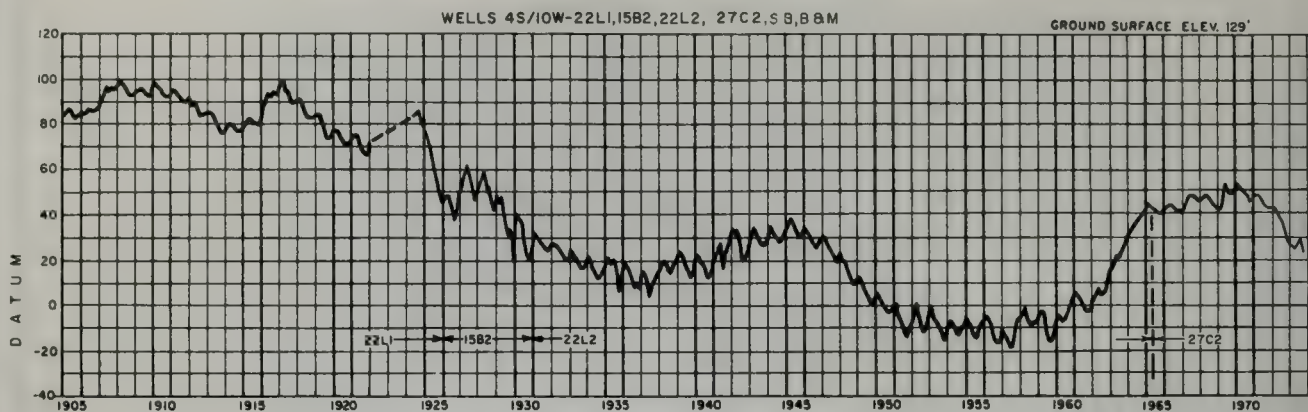


NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 61

## FLUCTUATION OF WATER LEVEL IN WELLS

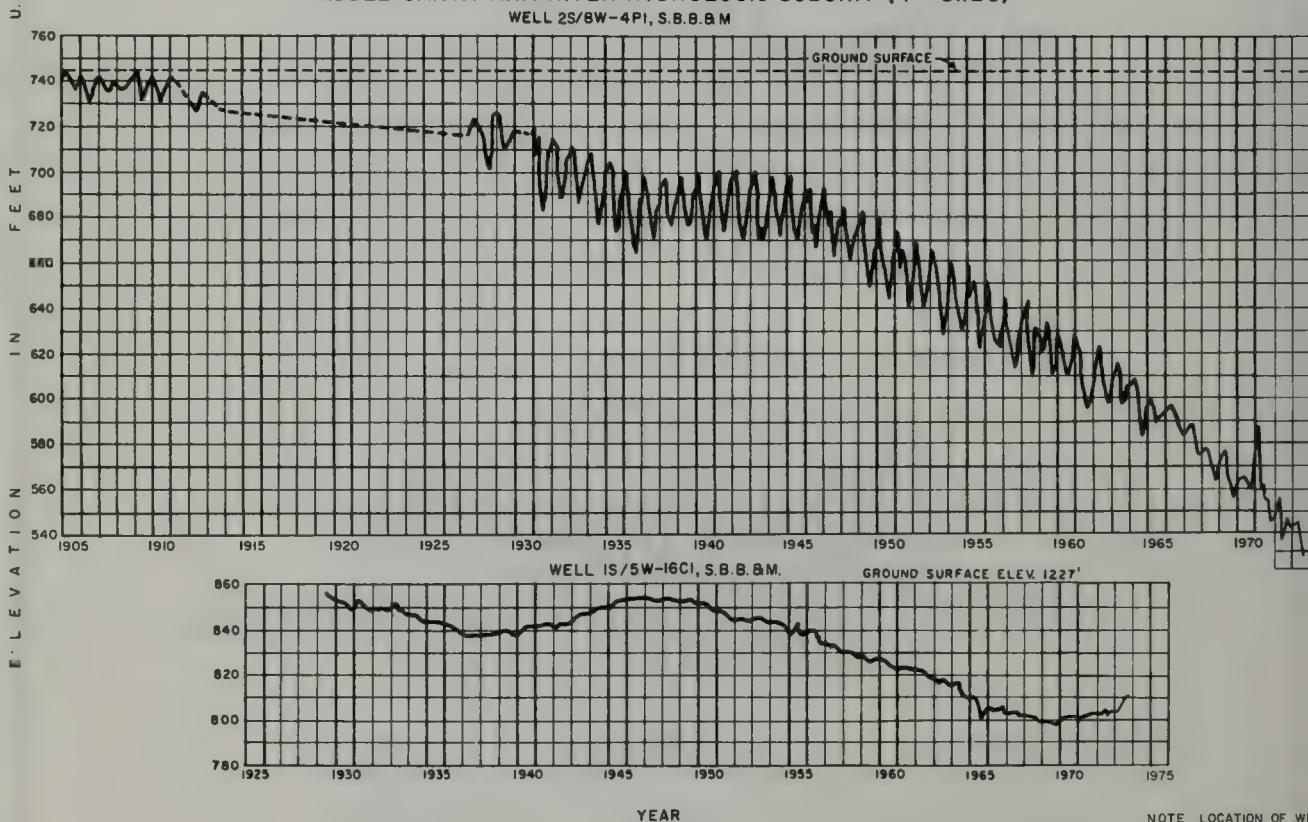


## LOWER SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y—01.A0)



U. S. G. S.

## MIDDLE SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y—01.B0)

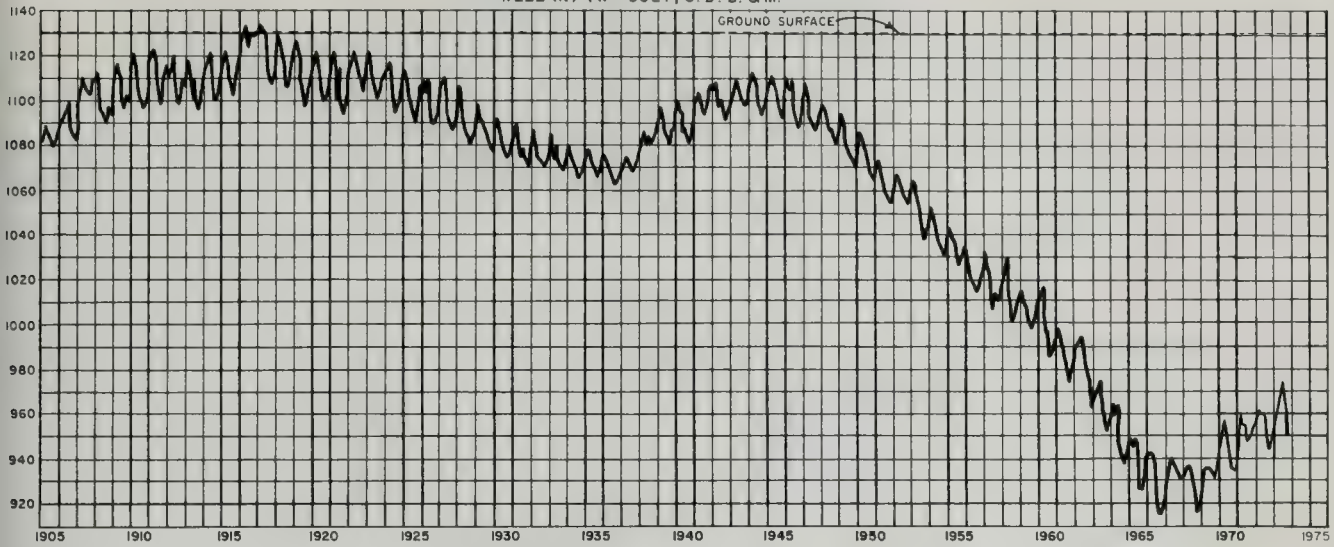


NOTE LOCATION OF WELLS SHOWN ON PAGE

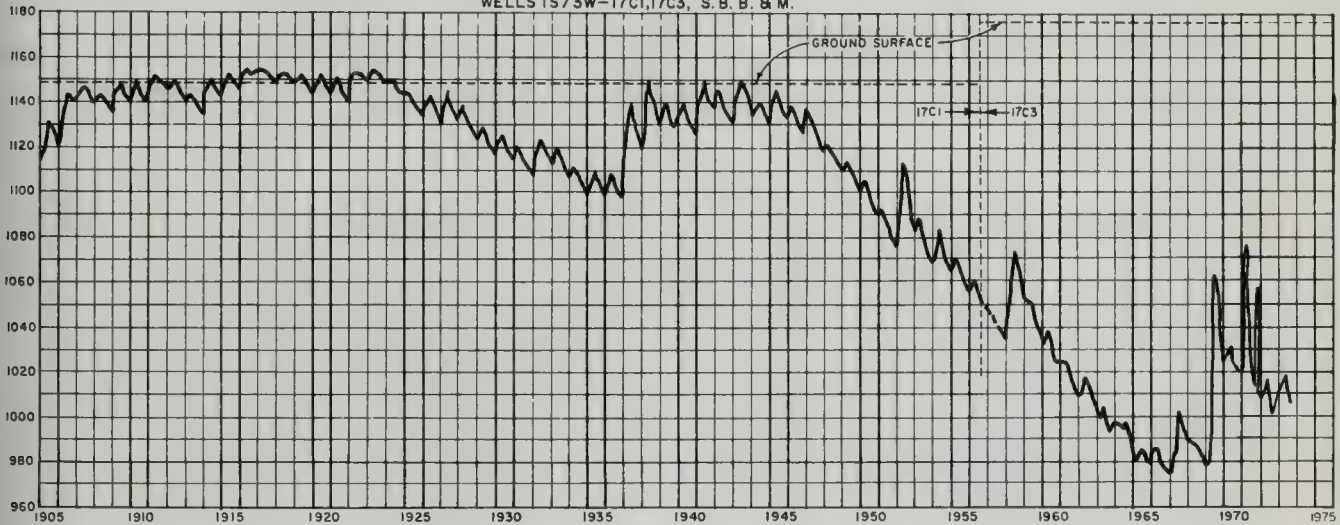
## FLUCTUATION OF WATER LEVEL IN WELLS

## UPPER SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y-01.E0)

WELL 1N/4W-35L1, S.B.B. &amp; M.

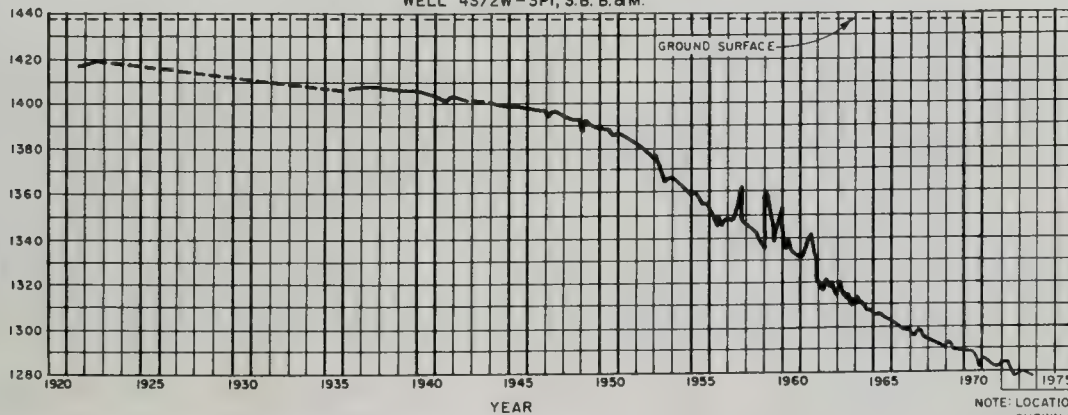


WELLS 1S/3W-17C1, 17C3, S.B.B. &amp; M.



## PERRIS HYDROLOGIC SUBUNIT (Y-02.A0)

WELL 4S/2W-3P1, S.B.B. &amp; M.

NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 63

## FLUCTUATION OF WATER LEVEL IN WELLS

D A T U M

U. S. G. S.

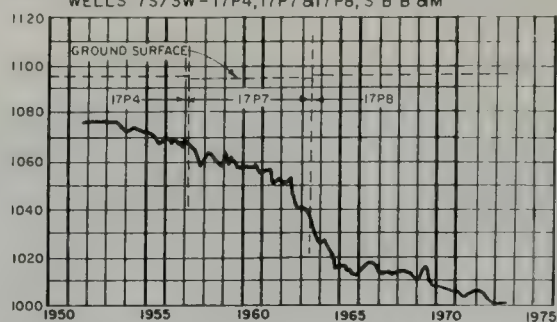
F E E T

E L E V A T I O N

I N

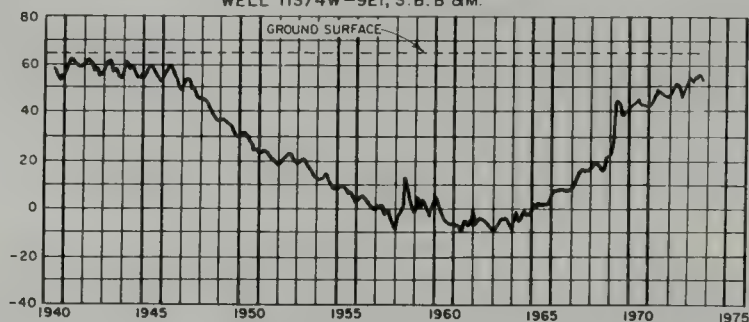
## MURRIETA HYDROLOGIC SUBUNIT (Z-02.CO)

WELLS 7S/3W-17P4, 17P7 &amp; 17P8, S.B.B. &amp; M.

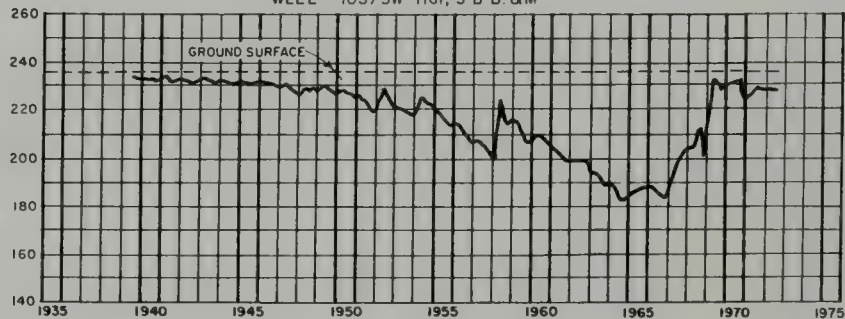


## BONSALL HYDROLOGIC SUBUNIT (Z-03.A0)

WELL 11S/4W-9E1, S.B.B. &amp; M.

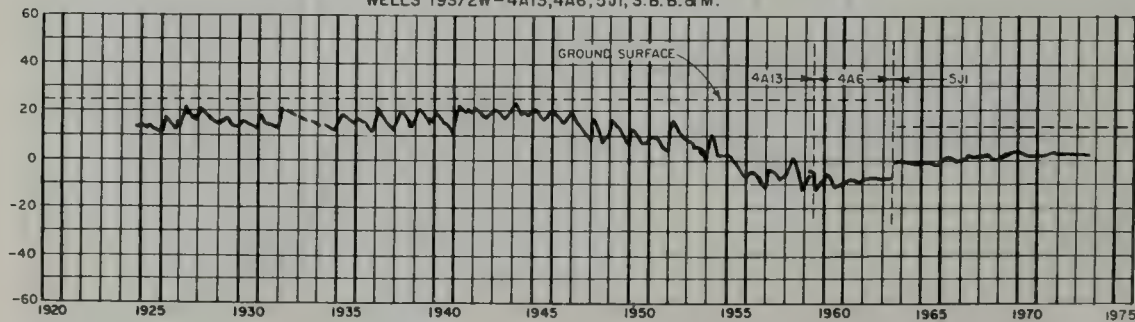


WELL 10S/3W-11G1, S.B.B. &amp; M.



## TIA JUANA HYDROLOGIC SUBUNIT (Z-11.A0)

WELLS 19S/2W-4A13, 4A6, 5J1, S.B.B. &amp; M.



YEAR

NOTE: LOCATION OF WELLS  
SHOWN ON PAGE 65

## FLUCTUATION OF WATER LEVEL IN WELLS



# GROUND WATER LEVELS AT WELLS

An explanation of the column headings and the code symbols follows:

**State Well Number** — Refer to the explanation at the beginning of Appendix C.

**Ground Surface Elevation** — The numbers in this column are the elevation in feet above mean sea level (USGS Datum) of the ground surface at the well. Elevations are usually taken from topographic maps and the accuracy is controlled by topographic standards.

**Date** — The date shown in the column is the date when the well was visited to obtain a measurement. Where 00 appears in the date, day of measurement is unknown.

**Ground Surface to Water Surface** — This is the measured depth in feet from the ground surface to the water surface in the well; certain of the depth measurements in the column may be followed by a number in parentheses to indicate a questionable measurement. The code applicable to these "questionable measurements" is as follows:

- |                                      |  |
|--------------------------------------|--|
| (1) Pumping                          | (6) Other                              |
| (2) Nearby pump operating            | (7) Recharge operation at or near well |
| (3) Casing leaking or wet            | (8) Oil in casing                      |
| (4) Pumped recently                  | (9) Caved or deepened                  |
| (5) Air or pressure gage measurement |  |

When no measurement was obtained, then only a number in parentheses is shown in the column. The code applicable to these "no measurements" is as follows:

- |                               |                               |
|-------------------------------|-------------------------------|
| (1) Pumping                   | (6) Well has been destroyed   |
| (2) Pump house locked         | (7) Special                   |
| (3) Tape hung up              | (8) Casing leaking or wet     |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible  |
| (5) Unable to locate well     | (0) Measurements discontinued |

The words *flow* and *dry* are shown in this column to indicate a flowing or dry well, respectively. A minus preceding the number in this column indicates that the static water level in the well is this distance in feet above the ground surface.

**Water Surface Elevation** — This is the elevation in feet above mean sea level (USGS Datum) of the water surface in the well. It was derived by subtraction of the depth measurement from the ground surface elevation.

**Agency Supplying Data** — Each number in this column is the code number for the agency supplying data for that measurement. The agencies supplying data for this report and the code numbers assigned to them are as follows:

Agency code	Agency name	Agency code	Agency name
5001	United States Bureau of Reclamation	5416	Vista Irrigation District
5000	United States Geological Survey	5408	Fallbrook Public Utilities District
5015	United States International Boundary and Water Commission	5411	United Water Conservation District
5050	State Department of Water Resources	4412	Metropolitan Water District of Southern California
5051	Patton State Hospital	5419	Yucaipa Valley Water District
5061	State Department of Water Resources, Watermaster Service, West Coast Basin	5420	Helix Irrigation District
5062	State Department of Water Resources, Watermaster Service, Raymond Basin	4700	Palm Springs Water Company
5101	San Bernardino County Flood Control District	4701	Corona Foothill Mutual Lemon Company
1101	Los Angeles County Flood Control District	4702	Cucamonga County Water District
5102	Orange County Flood Control District	5709	California-American Water Company
5103	Riverside County Flood Control and Water Conservation District	4402	Ramona Municipal Water District
4104	East San Bernardino County Water District	4706	Fontana Union Water Company
5117	San Luis Obispo County Flood Control and Water Conservation District	5708	Vail Company
5125	Monte Vista County Water District	4709	Irvine Company
5121	Ventura County Flood Control District	5710	Green Mutual Water Company
4124	West San Bernardino County Water District	5711	Escondido Mutual Water Company
5135	Coachella Valley County Water District	4000	W. P. Rowe & Son
1200	City of Los Angeles Department of Water and Power	4715	Santa Ana Valley Irrigation Company
4201	City of Colton Water Department	5716	South Elsinore Mutual Water Company
5202	City of Oceanside Water Department	5717	Temescal Water Company
5206	City of Redlands Water Department	5719	A. A. Webb & Associates
5208	City of Riverside Water Department	3719	West End Consolidated Water Company
5205	Carlsbad Municipal Water District	5725	Riverside Water Company
4206	City of Long Beach Water Department	5721	Francis Mutual Water Company
4209	City of Oxnard Water Department	5723	Pine Valley Mutual Water Company
4210	City of Anaheim Water Department	5724	Del Dios Mutual Water Company
2225	Santa Paula Water Works, LTD.	1733	San Gabriel Valley Protective Association
4228	City of Ontario Water Department	4742	Yorba Linda County Water District
5229	City of San Diego Water Department	4748	San Antonio Water Company
3230	City of San Bernardino Water Department	4750	San Luis Rey Heights Mutual Water Company
4235	City of Upland Water Department	5404	Santa Maria Valley Water Conservation District
5272	City of Corona Water Department	4776	Southern California water Company
3400	San Bernardino Valley Water Conservation District	5783	Riverside Highland Water Company
5407	Beaumont Irrigation District	4785	California Portland Cement Company
		3347	Gage Canal Company
		4850	Kaiser Steel Corporation
		5881	Dulin Ranch

Continued

TABLE C-1  
COUNTY WHERE WELL IS LOCATED

<u>County</u>	<u>Code</u>	<u>County</u>	<u>Code</u>
Imperial	13	Riverside	33
Inyo	14	San Bernardino	36
Kern	15	San Diego	37
Los Angeles	19	San Luis Obispo	40
Mono	26	Santa Barbara	42
Orange	30	Ventura	56

# GROUND WATER LEVELS AT WELLS

## SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CENTRAL COASTAL DRAINAGE PROVINCE SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T T-09 T-09.H	SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T-04 T-09.H
23S/14E-35F01 M			1490.0	11/02/72 4/17/73	35.0 29.7	1455.0 1460.3	5117	26S/13E-10D01 M	40		800.0	10/31/72 4/25/73	79.6 59.2	720.4 740.8	5117
24S/11E-35J01 M	27		616.8	4/24/73	60.0	556.8	5117	26S/13E-28L02 M	40		961.5	11/01/72	164.5	799.0	5117
24S/12E-23G01 M			1160.0	4/24/73	100.1	1059.9	5117	26S/13E-28L03 M	40		979.5	11/01/72 4/12/73 6/15/73 9/17/73	183.6 198.7 179.5 184.7	795.9 780.8 800.0 794.8	5117
24S/15E-17F01 M	40		1320.0	11/02/72 4/17/73	91.2 80.4	1228.8 1239.6	5117	26S/13E-34R01 M			1005.0	11/01/72 4/12/73 6/15/73 9/17/73	166.5 163.6 163.6 164.8	838.5 841.4 841.4 840.2	5117
24S/15E-17F02 M	27		1310.0	11/02/72 4/17/73	88.0 76.9	1222.0 1233.1	5117	26S/14E-17L01 M			949.0	11/01/72 4/25/73	27.9 20.2	921.1 928.8	5117
24S/15E-33C02 M	27		1225.0	11/02/72 4/17/73	23.5 20.3	1201.5 1204.7	5117	26S/14E-24R01 M	40		1000.0	11/02/72 4/25/73	54.2 99.0(1)	945.8 901.0	5117
25S/11E-35G01 M			880.0	10/30/72 4/24/73	44.0 43.3	836.0 836.7	5117	26S/15E-02R01 M	40		1115.0	11/02/72 4/17/73	32.2 29.8	1082.8 1085.2	5117
25S/11E-36N02 M			836.0	11/30/72 4/24/73	43.0 61.7	793.0 774.3	5117	26S/15E-02N01 M	40		1093.0	4/12/73 6/15/73 9/17/73	66.8 74.4 89.6	1026.2 1018.6 1003.4	5117
25S/12E-08G01 M	40		585.0	4/24/73	20.7	564.3	5117	26S/15E-16P02 M			1050.0	11/06/72 4/17/73	39.3 20.5	1010.7 1029.5	5117
25S/12E-17J01 M	40		640.0	10/30/72 4/11/73	67.4 52.1	572.6 587.9	5117	26S/15E-20R02 M	40		1030.0	11/02/72 4/12/73 6/15/73 9/21/73	43.6 17.7 82.3 92.1	986.4 1012.3 947.7 937.4	5117
25S/12E-17R01 M	40		640.0	10/30/72 4/24/73	81.0(1) 66.5(1)	559.0 573.5	5117	26S/15E-20F01 M	40		1057.7	11/02/72 4/12/73 6/19/73 9/21/73	74.7 59.4(1) 119.6(1) 122.5	983.0 998.3 938.1 935.2	5117
25S/12E-26D01 M	40		714.0	10/31/72 4/24/73	85.5 77.0	628.5 637.0	5117	26S/15E-21P01 M	40		1071.5	11/02/72 4/12/73 6/15/73 9/21/73	56.7 39.4 64.5(1) 67.5(1)	1016.8 1032.1 1007.0 1004.0	5117
25S/12E-26K02 M	40		749.0	10/31/72 4/25/73	140.5 126.5(4)	608.5 622.5	5117	26S/15E-28D01 M	40		1075.0	11/06/72 4/17/73	56.8 42.7	1018.2 1032.3	5117
25S/12E-26L01 M	40		878.0	10/31/72 4/15/73	166.8 139.3(4)	711.2 738.7	5117	26S/15E-28R01 M	40		1090.0	11/02/72 4/17/73 6/15/73 9/21/73	71.2 85.0(1) 135.0(1) 134.0(1)	1018.8 1005.0 955.0 956.0	5117
25S/12E-31G01 M	40		700.0	10/30/72 4/14/73	191.0 155.7	509.0 544.3	5117	26S/15E-29N01 M	40		1133.0	11/06/72 4/12/73 9/21/73	99.5(1) 84.0(1) 117.0(1)	1033.5 1049.0 1016.0	5117
25S/13E-11F01 M	40		1185.0	10/31/72	41.5	1143.5	5117	26S/15E-30J01 M	40		1123.0	11/06/72 4/12/73 9/21/73	103.1 85.6 138.6	1019.9 1037.4 984.4	5117
25S/13E-19R01 M	40		915.0	10/31/72 4/25/73	176.2 175.8	738.8 739.2	5117	26S/16E-05N01 M			1660.0	11/02/72	NM-3		5117
25S/15E-11C03 M			1155.0	11/02/72 4/17/73	44.0(1) 15.5	1111.0 1139.5	5117	27S/12E-02F01 M	40		799.0	10/10/72 11/10/72 12/22/72 1/05/73 2/09/73 3/16/73 4/06/73	117.1 117.0 108.0 106.0 100.0 101.0 100.0	681.4 682.6 691.0 691.0 699.0 698.0 699.0	5117
25S/15E-13R01 M			1139.0	11/02/72 4/17/73	1.8 0.6	1137.2 1138.4	5117	27S/12E-02F02 M	40		820.0	10/10/72 11/10/72 12/22/72 1/26/73 2/16/73 3/16/73 4/06/73	115.0 114.0 111.0 108.0 120.0 125.0 125.0	705.0 706.0 709.0 712.0 700.0 695.0 695.0	5117
25S/16E-17L01 M	40		1165.0	11/02/72 4/17/73	28.1 29.5	1136.9 1135.5	5117	27S/12E-03C02 M	40		780.0	10/26/72	115.3	664.7	5117
25S/16E-30M01 M	40		1218.0	11/02/72 4/17/73	66.0 65.7	1152.0 1152.3	5117	27S/12E-04F04 M	40		700.0	10/26/72 4/24/73	26.0(2) 20.5(1)	674.0 679.5	5117
26S/12E-04N01 M			675.0	10/30/72 4/24/73	48.5 42.3	626.5 632.7	5117	27S/12E-09M02 M	40		940.0	10/10/72 11/17/72 12/12/72 1/26/73 2/16/73 3/23/73 4/06/73	57.3(7) 31.0 35.0 18.0 18.0 18.0 18.6	882.7 909.0 905.0 922.0 922.0 922.0 921.4	5117
26S/12E-09M02 M	40		668.0	10/30/72 4/24/73	18.5 7.3	649.5 660.7	5117	27S/12E-09M02 M	40		940.0	5/15/73 6/08/73 7/10/73 8/10/73 9/14/73	17.0 42.3(1) 21.5 22.5 24.0	923.0 897.7 918.5 917.5 916.0	5117
26S/12E-11D01 M			761.0	9/17/73	NM-1		5117								
26S/12E-11K01 M			775.0	11/01/72	129.5	645.5	5117								
26S/12E-14G03 M	40		790.0	10/02/72	213.0	577.0	5117								
26S/12E-15N01 M			770.0	11/01/72 9/17/73	178.0 157.3	592.0 612.7	5117								
26S/12E-21D06 M	40		1000.0	11/01/72 7/17/73 8/06/73 9/19/73	12.6(1) 12.4(1) 11.4(1) 12.0(1)	987.4 987.6 988.6 988.0	5117								
26S/12E-21L01 M	40		660.0	11/01/72 7/17/73 8/06/73 9/19/73	11.0 15.8(1) 13.3 10.2	649.0 644.2 646.7 649.8	5117								
26S/12E-22P02 M	40		820.0	11/01/72	157.4	662.6	5117								
26S/12E-26N01 M			829.0	11/01/72 4/29/73 9/17/73	219.6 194.0 202.0	609.4 635.0 627.0	5117								
26S/12E-26E01 M			840.0	11/01/72 4/24/73	196.1 188.2	643.9 651.8	5117								
26S/12E-26E07 M	40		834.0	11/01/72 4/24/73 9/14/73	175.6 174.0 172.8	658.4 660.0 661.2	5117								
26S/12E-34F01 M			799.0	10/10/72	NM-9		5117								
26S/13E-05F01 M			739.0	10/31/72 4/25/73	17.5 15.8	721.5 723.2	5117								
26S/13E-07Q01 M			799.0	11/01/72	120.6	678.4	5117								



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT								SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							
							T-09 T-09.H								T-09 T-09.H
275/12E-16J01 M	40		720.0	10/24/72	19.1	700.9	5117	285/12E-10R01 M	40		816.0	4/11/73	15.5(1)	800.5	5117
								(CONTINUED)				7/17/73	15.8	800.2	
275/12E-21A01 M	40		745.0	10/24/72	19.0	726.0	5117					8/06/73	16.1	799.9	
				4/19/73	7.8	737.2						9/16/73	22.8	793.2	
275/12E-21C01 M	40		740.0	10/24/72	18.0	722.0	5117	285/12E-10R02 M	40		805.0	10/20/72	33.9	771.1	5117
				4/19/73	7.6	732.4						4/11/73	17.3(1)	787.7	
275/12E-21N04 M	40		750.0	10/24/72	14.4	735.6	5117					7/17/73	16.6	788.4	
												8/06/73	16.8	788.2	
275/12F-21N05 M	40		737.0	7/17/73	6.8	730.2	5117					9/19/73	19.5	785.5	
				8/06/73	8.4	728.6		285/12F-11N06 M	40		820.0	10/20/72	29.5	790.5	5117
				9/19/73	10.0	727.0						4/11/73	7.8	812.2	
275/12E-22M01 M	40		850.0	10/24/72	149.5	700.5	5117					7/17/73	14.1	805.9	
				4/13/73	114.2	735.8						8/06/73	14.0	806.0	
275/12F-29P04 M	40		750.0	10/24/72	18.3	731.7	5117					9/19/73	22.0	798.0	
				4/12/73	7.0	743.0		285/12E-13P02 M	40		900.0	10/20/72	56.7(1)	843.3	5117
				6/18/73	8.0	742.0						4/18/73	51.9	848.1	
				7/12/73	9.2	740.8						9/16/73	55.4(1)	844.6	
				8/06/73	9.2	740.8		285/12E-13002 M	40		960.0	10/20/72	106.3	853.7	5117
				9/19/73	12.4	737.6						4/11/73	103.6	856.4	
275/12F-29P06 M				4/12/73	FLOW		5117	285/12E-14R03 M			829.0	6/18/73	NM-1		5117
				6/18/73	FLOW			285/12E-24C01 M	40		852.6	10/20/72	14.0	838.6	5117
275/12F-32C06 M	40		760.0	10/24/72	18.0	742.0	5117					4/18/73	9.3	843.3	
				4/12/73	8.1	751.9						7/10/73	10.9(1)	841.7	
				7/17/73	9.2	750.8						8/06/73	11.8	840.8	
				9/19/73	11.2	748.8						9/16/73	15.2(1)	837.4	
275/12F-32P04 M			810.0	6/18/73	NM-1		5117	285/12E-24C02 M	40		850.0	10/20/72	17.3	832.7	5117
275/12F-32P07 M			930.0	10/24/72	12.8	797.2	5117					4/18/73	12.5	837.5	
				7/17/73	4.5(2)	925.5						7/16/73	14.1	835.9	
				8/06/73	4.5(2)	805.5						8/06/73	14.9	835.1	
				9/19/73	7.5	922.5						9/16/73	15.7	834.3	
275/12F-32P08 M	40		810.0	10/24/72	13.7	796.3	5117	285/12E-25R01 M	40		860.0	10/06/72	25.0	835.0	5117
				7/17/73	5.3(2)	804.7						4/11/73	14.0	846.0	
				8/06/73	12.8(1)	797.2						6/13/73	15.0	845.0	
				9/19/73	8.5	801.5						9/10/73	22.0	838.0	
275/12E-32P09 M	40		810.0	10/24/72	13.2	796.8	5117	285/12E-25R02 M	40		960.0	10/06/72	24.8	935.2	5117
275/12E-33F01 M	40		900.0	10/24/72	136.6	763.4	5117					4/11/73	13.8	946.2	
				4/13/73	110.2	789.8						6/15/73	15.0	945.0	
275/13E-09K01 M			885.0	11/03/72	9.8	875.2	5117					9/10/73	21.6	938.4	
				4/19/73	FLOW			285/12E-25R03 M	40		960.0	10/06/72	24.4	935.6	5117
275/13E-28F01 M			1072.0	11/03/72	124.3	947.7	5117					6/15/73	18.0(1)	942.0	
				4/15/73	115.5	956.5						9/10/73	23.5(1)	936.5	
				9/21/73	142.7	929.3		285/12E-25R01 M	40		877.0	4/11/73	10.2	866.8	5117
275/13E-33L01 M			1180.0	11/03/72	109.6	1070.4	5117					6/18/73	10.8	866.2	
				4/13/73	110.0	1070.0						7/16/73	12.9	864.1	
				9/21/73	115.9	1064.1						8/06/73	19.1	857.9	
275/14E-11G02 M			1121.0	11/06/72	120.0	1001.0	5117					9/19/73	17.3	859.7	
				4/17/73	100.4	1020.6		285/13E-04K01 M	40		1199.5	11/03/72	59.8	1139.7	5117
275/14E-25A01 M			1225.0	11/06/72	105.5	1119.5	5117					4/19/73	35.7	1163.8	
				4/17/73	110.5(1)	1114.5		285/13E-04K02 M	40		1195.0	11/03/72	84.5	1110.5	5117
275/15E-03F01 M			1120.0	4/12/73	60.0	1060.0	5117					4/19/73	86.8	1108.2	
				5/15/73	85.5	1034.5		285/13E-04K03 M	40		1185.0	11/03/72	198.0	987.0	5117
				9/21/73	85.3	1034.7						4/12/73	195.0	990.0	
275/15E-10A02 M	40		1119.4	11/06/72	58.2	1061.2	5117					9/21/73	199.0	986.0	
				4/12/73	47.4	1072.0		285/13E-12M01 M			1150.0	11/03/72	23.0	1127.0	5117
				9/21/73	NM-1							4/19/73	7.6	1142.4	
275/15E-10R02 M	40		1130.0	11/06/72	67.2	1062.8	5117	285/13E-13N01 M	40		1180.0	11/03/72	17.3	1162.7	5117
				4/17/73	60.0	1070.0						4/19/73	2.8	1177.2	
275/15E-14M01 M	40		1159.5	11/06/72	85.2	1074.3	5117	285/13E-14J01 M			1190.0	11/03/72	32.4	1157.6	5117
				4/12/73	79.5	1080.0						4/19/73	144.0(1)	1046.0	
275/15E-35F01 M	40		1230.0	11/06/72	42.5	1187.5	5117	285/13E-31F01 M	40		920.0	4/18/73	62.3	857.7	5117
				4/17/73	41.2	1188.8						7/16/73	65.7	854.3	
275/16E-07P01 M	40		1224.5	11/06/72	69.3	1155.2	5117					8/06/73	74.9(1)	845.1	
				4/25/73	60.0	1164.5						9/19/73	61.0	859.0	
275/16E-35O01 M	40		1281.0	11/06/72	14.6	1266.4	5117	285/13E-31J01 M	40		949.5	10/19/72	23.8	925.7	5117
285/12F-03R01 M			860.0	10/24/72	95.5	764.5	5117					7/16/73	13.0(1)	936.5	
				4/19/73	61.3	798.7						8/06/73	12.8	936.7	
285/12F-05R01 M	40		770.0	10/24/72	17.0	753.0	5117					9/19/73	16.4(1)	933.1	
				6/18/73	4.8	765.2		285/13E-31K01 M	40		884.8	10/19/72	20.0	864.8	5117
285/12F-10A03 M	40		815.0	4/11/73	7.3	807.7	5117					7/16/73	8.2	876.6	
				7/17/73	83.4(1)	731.6						8/06/73	9.0	875.8	
				8/06/73	136.8(1)	678.2						9/16/73	NM-1		
				9/19/73	74.5	740.5		285/13E-31L01 M	40		921.0	4/18/73	58.0	863.0	5117
285/12F-10H04 M			820.0	7/17/73	NM-1		5117					6/18/73	69.0	852.0	
				9/16/73	NM-1							8/06/73	70.0	851.0	
285/12E-10R01 M	40		816.0	10/20/72	33.4	782.6	5117					9/16/73	69.8	851.2	
								285/13E-31M01 M	40		930.0	4/18/73	97.5(1)	832.5	5117
												6/18/73	57.5	872.5	
												7/18/73	60.7	869.3	
												8/06/73	65.0	865.0	
												9/19/73	79.4	850.6	
								285/13E-31R02 M	40		893.7	10/19/72	26.9	866.8	5117

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT								SAN LUIS ORISPO HYDRO UNIT CAMBRIA HYDRO SUBUNIT SAN SIMON HYDRO SUBAREA							
T-09 T-09.H								T-10 T-10.A T-10.A3							
28S/13E-31R02 M 40 (CONTINUED)		893.7	6/18/73 7/18/73 8/06/73 9/19/73	24.5(1) 26.8(1) 16.2 21.0	869.2 866.9 877.5 872.7	5117		27S/09E-06G01 M 40		20.0	5/01/73	9.3	10.7	5117	
28S/13E-32N05 M 40		888.5	10/19/72 4/05/73 6/18/73 7/16/73 8/06/73 9/19/73	24.2 12.7 13.4 14.3 18.0 17.7	864.3 875.8 875.1 874.2 870.5 870.8	5117		27S/09E-06G02 M 40		20.0	5/01/73	9.5	10.5	5117	
28S/13E-32N06 M 40		890.0	10/19/72 4/05/73	10.2 NM-7	879.8	5117		27S/09E-08R02 M 40		21.0	10/26/72 5/01/73	7.5(1) 2.7	13.5 18.3	5117	
28S/14E-19B01 M		1190.0	11/03/72 4/19/73	19.1 3.5	1170.9 1186.5	5117		27S/09E-09L01 M 40		30.0	10/26/72 5/01/73	10.0 13.5(1)	20.0 16.5	5117	
28S/16E-14N01 M 40		1440.0	11/06/72	19.0	1421.0	5117		27S/09E-10G01 M 40		38.0	10/26/72 5/01/73	21.8 11.2	16.2 26.8	5117	
28S/16E-14O01 M 40		1440.0	11/06/72	47.5	1392.5	5117		SANTA ROSA HYDRO SUBAREA							
29S/13E-05F03 M 40		916.1	6/18/73 7/18/73 8/06/73 9/19/73	14.9 16.2 16.8 17.3	901.2 899.9 899.3 898.8	5117		27S/09E-21R03 M 40		13.0	5/01/73	5.0	8.0	5117	
29S/13E-05K02 M 40		928.5	10/19/72	21.6	906.9	5117		27S/09E-24J01 M 40		82.0	10/26/72 5/02/73	25.0 29.4(1)	57.0 52.6	5117	
29S/13E-06A01 M		920.0	10/19/72 4/18/73	64.5 27.7	855.5 892.3	5117		27S/09E-26C05 M 40		40.0	10/16/72	58.3	-18.3	5117	
29S/13E-08F01 M 40		950.0	10/24/72 4/18/73	17.9 10.0	932.1 940.0	5117		27S/09E-26N01 M 40		32.5	10/16/72	50.3	-17.8	5117	
29S/13E-08M01 M 40		945.0	10/24/72 4/18/73	11.1 5.0	933.9 940.0	5117		VILLA HYDRO SUBAREA							
29S/13E-08N05 M 40		1002.6	10/19/72 4/18/73	11.8 3.3	990.8 999.3	5117		28S/09E-23M01 M 40		70.0	10/26/72 5/02/73	20.0 16.9	50.0 53.1	5117	
POZO HYDRO SUBUNIT								OLD HYDRO SUBAREA							
30S/15E-21C01 M 40		1465.0	11/09/72 4/16/73	18.0 15.6(1)	1447.0 1449.4	5117		28S/10E-34N03 M 40		47.0	10/26/72 5/02/73	17.8 18.6	29.2 28.4	5117	
30S/15E-21D01 M 40		1447.5	11/09/72 4/16/73	14.9 8.3	1432.6 1439.2	5117		29S/10E-03C05 M 40		35.0	10/26/72 5/02/73	9.9 16.0(2)	25.1 19.0	5117	
T-09.I								29S/10E-03C07 M 40		35.0	10/26/72 5/02/73	10.4 15.0	24.6 20.0	5117	
								TORO HYDRO SUBAREA							
								29S/10E-01P01 M		130.0	10/26/72 5/02/73	10.3 NM-9	119.7	5117	
								SAN LUIS ORISPO HYDRO SUBUNIT MORRO HYDRO SUBAREA							
								29S/10E-25C03 M 40		20.0	10/24/72	34.0(1)	-14.0	5117	
								29S/10E-25F02 M 40		20.0	10/24/72 4/30/73	26.0 11.0	-6.0 9.0	5117	
								29S/11E-17A01 M		210.0	10/26/72 5/02/73	18.2 16.9(1)	191.8 193.1	5117	
								29S/11E-17A02 M 40		219.0	10/26/72 5/02/73	29.5 25.9	189.5 193.1	5117	
								29S/11E-17A03 M 40		219.0	10/26/72 5/02/73	30.0 26.1	189.0 192.9	5117	
								29S/11E-19R02 M 40		120.0	10/26/72 5/02/73	33.7 28.5	86.3 91.5	5117	
								29S/11E-19P01 M 40		78.1	10/26/72 5/02/73	47.9 22.5	30.2 55.6	5117	
								29S/11E-30D01 M 40		61.5	10/26/72 5/02/73	33.5 8.2	28.0 53.3	5117	
								CHORRO HYDRO SUBAREA							
								29S/11E-32J01 M 40		32.0	10/24/72 4/30/73	39.5 9.5	-7.5 22.5	5117	
								29S/11E-32J02 M 40		34.6	10/25/72 5/03/73	40.8 13.0	-6.2 21.6	5117	
								29S/11E-32J04 M 40		36.0	10/24/72 4/30/73	43.0 14.0	-7.0 22.0	5117	
								29S/11E-32J06 M 40		38.0	10/24/72 4/30/73	40.0 10.0	-2.0 28.0	5117	
								29S/11E-32J08 M 40		37.5	10/24/72 4/30/73	40.5 9.5	-3.0 28.0	5117	
								30S/11E-03D02 M 40		75.0	10/24/72 4/30/73	26.0 22.0	49.0 53.0	5117	
								30S/12E-17N01 M 40		330.0	10/25/72 5/03/73	21.4 2.0	308.6 328.0	5117	
								LOS OSOS HYDRO SUBAREA							
								30S/10E-13L01 M 40		50.0	10/24/72 5/03/73	36.8(4) 86.6(1)	13.2 -36.6	5117	
								30S/10E-13L02 M 40		46.0	10/25/72 5/03/73	33.0(4) 29.0	13.0 17.0	5117	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS OBISPO HYDRO UNIT SAN LUIS OBISPO HYDRO SUBUNIT LOS OSOS HYDRO SUBAREA								SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA							
30S/11E-07K01 M 40			50.0	10/25/72 5/03/73	43.2 40.0	6.8 10.0	5117	31S/14E-31N02 M 40 (CONTINUED)			320.0	8/07/73 9/12/73	8.3 40.8	311.7 279.2	5117
30S/11E-08M02 M 40			100.0	5/03/73	65.8	34.2	5117	31S/14E-32G03 M 40			365.5	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	30.1 43.6 23.3 22.7 33.7 31.0(1) 32.0(1)	335.4 321.9 342.2 342.8 331.8 334.5 333.5	5117
30S/11E-17H01 M 40			24.0	10/25/72 5/03/73	13.4(1) 18.9	10.6 5.1	5117	31S/14E-32M02 M 40			365.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	31.8(1) 36.0 27.9 28.2(1) 26.6 128.5(1) 124.5	333.2 329.0 337.1 336.8 338.4 236.5 240.5	5117
30S/11E-17H02 M 40			30.0	10/25/72 11/06/72 5/03/73	16.1 16.4(2) 10.1	13.9 13.6 19.9	5117	32S/12E-24R01 M 40			10.0	9/20/73	2.2	7.8	5117
30S/11E-18H01 M 40			120.0	3/01/73 8/31/73 9/30/73	96.6 101.6 100.6	23.4 18.4 19.4	5117	32S/12E-24R02 M 40			10.0	9/20/73	3.3	6.7	5117
30S/11E-18K02 M 40			104.5	10/25/72 5/03/73	121.5 136.0	-17.0 -31.5	5117	32S/13E-01G01 M 40			305.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	21.6 22.3 23.6 28.0(1) 28.9(1) 28.8(1) 28.5(1)	283.4 282.7 281.4 277.0 276.1 276.2 276.5	5117
30S/11E-18K03 M 40			121.0	10/24/72 1/02/73 4/01/73 9/30/73	164.0 160.0 163.0 118.0	-43.0 -39.0 -42.0 3.0	5117	32S/13E-12C03 M 40			271.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	20.3 19.7 16.4 19.9 24.1 41.2(1) 42.3(1)	250.7 251.3 254.6 251.1 246.9 229.8 228.7	5117
30S/11E-18K04 M 40			118.0	9/30/73	116.0	2.0	5117	32S/13E-12C04 M 40			260.0	10/17/72 5/07/73	23.2 20.7	236.8 239.3	5117
30S/11E-18Q01 M 40			129.5	10/25/72 5/03/73	61.7 64.5	67.8 65.0	5117	32S/13E-12F04 M 40			250.0	10/17/72 11/30/72 4/06/73 5/07/73 7/12/73 8/07/73 9/12/73	19.5 17.5 24.8 37.6(1) 100.0(1) 19.4 20.5	230.5 232.5 225.2 212.4 150.0 230.6 229.5	5117
30S/11E-21F01 M 40			76.9	10/25/72 5/03/73	24.0 12.9	52.9 64.0	5117	32S/13E-12N01 M 40			231.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	25.3 24.4 17.4 20.5 23.8 24.6 25.0	205.7 206.6 213.6 210.5 207.2 206.4 206.0	5117
SAN LUIS OBISPO CR HYDRO SUBAREA															
30S/12E-32J01 M 40			128.7	10/20/72 5/03/73	11.2 6.9	117.5 121.8	5117	32S/13E-13N02 M 40			223.5	10/17/72 5/07/73	21.6 25.5(1)	201.9 198.0	5117
31S/12E-03P02 M			125.0	10/20/72 5/03/73	9.2 4.1	115.8 120.9	5117	32S/13E-14O02 M 40			174.0	10/18/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	34.5 42.6 19.0 33.8 61.3(1) 63.5(2) 54.4	139.5 131.4 155.0 140.2 112.7 110.5 119.6	5117
31S/12E-10F03 M 40			115.0	10/20/72 5/07/73	4.8 0.3	110.2 114.7	5117	32S/13E-14R01 M 40			200.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73	73.9 57.5 27.5 42.9 57.4 66.0	126.1 142.5 172.5 157.1 142.6 134.0	5117
31S/12E-10G02 M 40			125.0	10/20/72 5/07/73	18.9 10.0	106.1 115.0	5117	32S/13F-14P02 M 40			197.6	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	72.9 54.5 23.9 25.2 53.9 65.5 73.4(1)	124.7 143.1 173.7 172.4 143.7 132.1 124.2	5117
31S/12E-12E03 M 40			165.0	10/24/72 5/07/73	19.2 17.9	145.8 147.1	5117	32S/13E-14R03 M 40			180.0	10/18/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	73.8 51.0 22.0 53.5(1) 51.4 77.0(1) 83.4(1)	106.2 129.0 158.0 126.5 128.6 103.0 96.6	5117
31S/12E-12O03 M 40			200.0	10/24/72 5/07/73	42.7(1) 39.6(1)	157.3 160.4	5117	32S/13E-22R02 M 40			100.0	10/18/72 4/02/73 5/07/73 7/12/73 8/08/73 9/12/73	37.9 35.2(1) 15.2 41.6(1) 28.0 41.8(1)	62.1 64.8 84.8 58.4 72.0 58.2	5117
31S/12F-14C01 M 40			135.0	10/24/72	16.2	118.8	5117	32S/13E-22R03 M 40			100.0	10/18/72 4/02/73 5/07/73 7/12/73	34.5 18.2 43.9(1) 18.2	65.5 81.8 56.1	5117
31S/12E-15R01 M 40			125.0	10/24/72 5/07/73	46.0(4) 10.5	79.0 114.5	5117								
31S/12E-28C01 M 40			45.0	10/24/72 5/08/73	10.8 8.4	34.2 36.6	5117								
31S/12E-32C01 M 40			45.0	10/24/72 5/08/73	12.8 11.4	32.2 33.6	5117								
31S/12E-32D01 M 40			42.0	10/24/72 5/08/73	13.2 13.0	28.8 29.0	5117								
31S/12E-32D02 M 40			42.0	10/24/72 5/08/73	18.2 17.1	23.8 24.9	5117								
31S/13F-18N01 M 40			192.0	10/24/72	11.1	180.9	5117								
PISMO HYDRO SUBAREA															
31S/13E-16N01 M 40			324.5	10/24/72 5/07/73	57.8 9.7	266.7 314.8	5117								
31S/13F-19H01 M 40			262.0	10/24/72 5/07/73	24.5 10.6	237.5 251.4	5117								
31S/13E-27D03 M 40			300.0	10/24/72 5/07/73	16.0 4.8	284.0 295.2	5117								
31S/13E-29C01 M 40			255.0	10/24/72	18.4	236.6	5117								
ARROYO GRANDE HYDRO SUBUNIT															
ARROYO GRANDE HYDRO SUBAREA															
32S/13E-12O03 M 40			237.5	10/18/72 5/07/73	26.8 24.1	210.7 213.4	5117								
26S/12E-35P01 M 40			830.0	10/26/72 4/24/73	171.0 149.0(1)	659.0 681.0	5117								
31S/14E-31N02 M 40			320.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73	4.8 43.3(1) 6.2 9.0 48.0(1)	315.2 276.7 313.8 311.0 272.0	5117								



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA								SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA							
						T-10 T-10.C T-10.C1								T-10 T-10.C T-10.C1	
32S/13E-22R03 M 40 (CONTINUED)			100.0	7/12/73 8/07/73 9/12/73	55.6(1) 29.2 35.9(1)	44.4 70.8 64.1	5117	32S/13E-29M04 M 40 (CONTINUED)			61.2	8/07/73 9/12/73	48.7(1) 44.7	12.5 16.5	5117
32S/13E-23C01 M			185.0	5/07/73	NM-1		5117	32S/13E-29N01 M			79.0	5/08/73 7/13/73	NM-9 NM-1		5117
32S/13E-23F01 M 40			161.2	10/18/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	12.7 9.4 11.4 14.4(1) 15.0 14.6	148.5 151.8 149.8 146.8 146.2 146.6	5117	32S/13E-30J08 M 40			42.0	10/19/72 5/08/73	36.7 32.8	5.3 9.2	5117
32S/13E-23M07 M 40			140.0	10/18/72 4/02/73 5/07/73 7/12/73 9/12/73	24.2 11.3 22.6 31.1 26.5	115.8 128.7 117.4 108.9 113.5	5117	32S/13E-30K04 M 40			30.0	10/18/72 4/03/73 5/08/73 7/13/73 8/08/73 9/12/73	18.0 14.3 14.7 16.1 19.2 16.8	12.0 15.7 15.3 13.9 10.8 13.2	5117
32S/13E-27D03 M 40			103.5	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	41.2 27.6 27.9 36.6 36.6 36.5	62.3 75.9 75.6 66.9 66.9 67.0	5117	32S/13E-30K06 M 40			30.0	10/18/72 4/03/73 5/08/73 7/13/73 8/08/73 9/12/73	16.7 13.1 11.8 15.7 14.8 15.5	13.3 16.9 18.2 14.3 15.2 14.5	5117
32S/13E-28G01 M 40			86.2	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	32.2 19.8 20.9 32.9(2) 19.9 31.1	54.0 66.4 65.3 53.3 66.3 55.1	5117	32S/13E-30K11 M 40			29.2	10/18/72 5/08/73	23.4 20.2	5.8 9.0	5117
32S/13E-28K01 M 40			82.0	5/08/73	33.3	48.7	5117	32S/13E-30K14 M 40			41.0	10/19/72 4/03/73 5/08/73 7/13/73 9/12/73	33.8 30.0 30.0 32.4 26.5	7.2 11.0 11.0 8.6 14.5	5117
32S/13E-28L01 M 40			90.0	10/18/72 5/08/73	91.0 88.0	-1.0 2.0	5117	32S/13E-30K16 M 40			30.0	10/18/72 5/08/73 7/13/73 8/08/73 9/12/73	17.7 15.3 16.1 16.0 16.7	12.3 14.7 13.9 14.0 13.3	5117
32S/13E-28Q02 M 40			72.9	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	50.1 34.0 37.2 43.9 43.0 43.0	22.8 38.9 35.7 29.0 29.9 29.9	5117	32S/13E-30L02 M 40			15.0	10/20/72 5/08/73	10.2 11.2	4.8 3.8	5117
32S/13E-28Q06 M 40			75.0	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	49.2 36.8(1) 35.8 42.2 43.9 41.1	25.8 38.2 39.2 32.8 31.1 33.9	5117	32S/13E-30N01 M 40			30.0	9/20/73	6.8	23.2	5117
32S/13E-29R01 M 40			81.4	10/18/72 5/08/73	74.6 83.2(1)	6.8 -1.8	5117	32S/13E-30N02 M 40			30.0	7/20/73	1.0	29.0	5117
32S/13E-29C02 M 40			71.6	10/19/72 4/03/73 5/08/73 7/13/73 8/07/73 9/12/73	69.1 75.6(1) 74.6(1) 66.6 69.1(4) 73.8(1)	2.5 -4.0 -3.0 5.0 2.5 -2.2	5117	32S/13E-30N03 M 40			30.0	9/20/73	4.7	25.3	5117
32S/13E-29D04 M 40			54.0	10/19/72 4/03/73 5/08/73 7/13/73 8/07/73 9/12/73	46.0 41.6 41.6 41.0(4) 44.5 43.8	8.0 12.4 12.4 13.0 9.5 10.2	5117	32S/13E-30P02 M 40			28.3	10/20/72 5/08/73	22.1 21.0	6.2 7.3	5117
32S/13E-29E02 M 40			50.5	10/19/72 4/03/73 5/08/73 7/13/73	47.2 65.5(1) 43.5 45.2	3.3 -15.0 7.0 5.3	5117	32S/13E-30R02 M 40			46.5	10/20/72 4/03/73 5/08/73 7/13/73 8/08/73 9/12/73	38.7(1) 36.0 37.7 38.7 40.0 38.5	7.8 10.5 8.8 7.8 6.5 8.0	5117
32S/13E-29G07 M 40			80.0	10/18/72 4/03/73 5/08/73 7/13/73 8/07/73 9/12/73	71.5 70.0(1) 65.1 72.2(1) 72.5(1) 77.5	8.5 10.0 14.9 7.8 7.5 2.5	5117	32S/13E-31A02 M 40			51.0	10/20/72 5/08/73	46.8 45.0(1)	4.2 6.0	5117
32S/13E-29J02 M 40			82.6	10/18/72 5/08/73	88.6 83.6(1)	-6.0 -1.0	5117	32S/13E-31R03 M 40			8.5	10/20/72 5/10/73	3.2 1.2	5.3 7.3	5117
32S/13E-29J03 M 40			89.0	10/18/72 4/03/73 5/08/73 7/13/73 8/07/73 9/12/73	84.5 72.0 77.0 77.0 77.0 66.8	4.5 17.0 12.0 12.0 12.0 22.2	5117	32S/13E-31G01 M 40			12.0	10/20/72 5/10/73	4.5 2.7	7.5 9.3	5117
32S/13E-29L06 M 40			71.0	10/19/72 4/03/73 5/08/73 7/13/73 8/08/73 9/12/73	64.3 58.7 60.8 43.0 62.3 62.8	6.7 12.3 10.2 8.0 8.7 8.2	5117	32S/13E-31G02 M 40			19.9	10/20/72 5/10/73	12.8 9.9	7.1 10.0	5117
32S/13E-29M04 M 40			61.2	10/19/72 4/03/73 5/08/73 7/13/73	46.4 41.9 44.4 44.7	14.8 19.3 16.8 16.5	5117	32S/13E-31H07 M 40			19.0	10/20/72 5/10/73	9.8 7.7	9.2 11.3	5117
								32S/13E-32R03 M 40			70.0	10/20/72 5/10/73	62.0 55.4	8.0 14.6	5117
								32S/13E-32C02 M 40			60.0	10/20/72 5/10/73	58.0 54.7	2.0 5.3	5117
								32S/13E-32D09 M 40			72.0	10/20/72 5/10/73	61.2 58.4	10.8 13.6	5117
								32S/13E-32J02 M 40			39.9	10/20/72 4/04/73 5/10/73 7/13/73 8/08/73 9/12/73	33.0 24.2 27.3 33.1 29.5 29.9	6.9 15.7 12.6 6.8 10.4 10.0	5117
								32S/13E-32K01 M 40			39.0	10/28/72 4/03/73 5/10/73 7/13/73	27.4 21.2 23.7 NM-7	11.6 17.8 15.3	5117
								32S/13E-32L07 M 40			20.0	10/20/72 5/10/73	14.9 13.5	5.1 6.5	5117
								32S/13E-32M03 M 40			20.0	10/20/72 5/10/73	10.5 8.4	9.5 11.6	5117
								32S/13E-33C04 M 40			61.5	10/18/72 4/03/73 5/08/73	47.5 38.3 40.9(1)	14.0 23.2 20.6	5117

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA								SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT NIPOMO MESA HYDRO SUBAREA							
							T-10 T-10.C T-10.C1								T-10 T-10.C T-10.C2
32S/13E-33C04 M 40 (CONTINUED)			61.5	7/13/73 8/07/73	52.4(1) 39.7	9.1 21.8	5117	11N/35W-13F03 S 40			305.0	5/11/73	237.2	67.8	5117
32S/13E-33E03 M 40			53.2	10/20/72 5/04/73	33.5(1) NM-8	19.7	5117	11N/35W-22C01 S 40			238.0	4/10/73 5/11/73	205.4 208.0	32.6 30.0	5117
32S/13E-33F01 M 40			48.0	10/18/72 5/08/73	34.7 31.4(1)	13.3 16.6	5117	11N/35W-23R01 S			275.0	10/18/72 5/11/73	248.2 242.6	26.8 32.4	5117
32S/13E-33K03 M 40			52.3	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	35.2 23.3 61.0(1) 58.3(1) 36.8 33.1	17.1 29.0 -8.7 -6.0 15.5 19.2	5117	11N/35W-24001 S 40			321.0	4/10/73 5/11/73	190.4 187.3	130.6 133.7	5000 5117
32S/13E-33L02 M 40			42.1	10/18/72 5/08/73 8/06/73 9/12/73	28.4 26.7(1) 30.2 24.1	13.7 15.4 11.9 18.0	5117								
32S/14E-19D01 M 40			275.0	10/18/72 5/07/73	60.1 15.2	214.9 259.8	5117								
12N/35W-27N02 S 40			170.0	10/18/72 5/08/73	32.4 8.5	137.6 161.5	5117								
12N/35W-29L01 S 40			40.0	10/18/72 5/08/73	23.6 20.5	16.4 19.5	5117								
12N/35W-30K02 S 40			27.5	10/18/72 5/08/73	18.3 11.0	9.2 16.5	5117								
12N/35W-30M02 S 40			21.8	5/10/73	12.2	9.6	5117								
12N/35W-34C03 S 40			158.0	10/18/72 5/08/73	54.0(1) 14.4	104.0 143.6	5117								
12N/35W-34G03 S 40			187.9	10/18/72 5/08/73	46.0 13.5	141.9 174.4	5117								
12N/35W-34G06 S 40			198.0	10/18/72 5/08/73	42.5 14.1(1)	155.5 183.9	5117								
12N/35W-35K02 S 40			245.0	10/18/72 5/08/73	49.2 38.0(1)	195.8 207.0	5117								
NIPOMO MESA HYDRO SUBAREA								T-10.C2							
11N/34W-17N03 S 40			370.0	4/09/73	184.1	185.9	5117								
11N/34W-18P01 S 40			295.0	10/18/72 4/09/73 5/11/73	272.2 264.5 272.0	22.8 30.5 23.0	5117								
11N/34W-19Q01 S 40			305.0	4/09/73	279.7	25.3	5000								
11N/34W-28F01 S 40			316.0	4/10/73	206.9	109.1	5117								
11N/35W-05G01 S 40			210.0	4/10/73 5/11/73	116.9 110.7	92.1 98.3	5117								
11N/35W-05L01 S 40			108.0	10/17/72 5/11/73	110.4 109.8	-2.4 -1.8	5117								
11N/35W-07P01 S 40			95.0	10/17/72 4/10/73 5/11/73	74.0 85.3 84.6(1)	21.0 9.7 10.4	5117								
11N/35W-09G01 S 40			200.0	10/17/72 5/11/73	213.8 NM-1	-13.8	5117								
11N/35W-09K02 S 40			190.0	4/10/73 5/11/73	127.9 135.9	62.1 54.1	5000 5117								
11N/35W-09K04 S 40			182.0	4/10/73 5/11/73	156.9 147.1	25.1 34.9	5117								
11N/35W-09P01 S 40			170.0 165.0 170.0	10/17/72 4/10/73 5/11/73	124.0 190.4(1) 166.4	46.0 -25.4 3.6	5117 5000 5117								
11N/35W-10R01 S 40			277.0	4/10/73	184.9	92.1	5000								
11N/35W-11R01 S 40			385.0	4/10/73	349.1	35.9	5117								
11N/35W-11C01 S 40			267.0	4/10/73	238.2(1)	28.8	5000								
11N/35W-11J01 S 40			352.0	4/10/73 5/11/73	282.9 279.5	69.1 72.5	5117								
11N/35W-12E01 S 40			377.0	4/10/73	296.7(1)	80.3	5000								
11N/35W-12E02 S 40			395.0	5/11/73	273.5(8)	121.5	5117								
11N/35W-13C01 S 40			345.0	4/10/73 5/11/73	287.6 281.0	57.4 64.0	5000 5117								
11N/35W-13E02 S 40			305.0	4/10/73 5/11/73	244.9 250.6	60.1 54.4	5000 5117								
11N/35W-13E03 S 40			305.0	4/10/73	244.6	60.4	5000								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CARRIZO PLAIN HYDRO UNIT								SANTA MARIA-CUYAMA HYDRO UNIT							
T-11								SANTA MARIA HYDRO SURUNIT							
295/17E-13R01 M			2038.0	10/03/72	NM-1		5117	09N/33W-08L01 S	42		700.0	4/11/73	554.9	145.1	5000
295/17E-13R02 M	40		37.9	10/03/72 4/16/73	41.5(1) 64.4(1)	-3.6 -26.5	5117	09N/33W-24L01 S			531.0	4/07/73	189.4	341.6	5000
295/18E-28G01 M	40		2022.0	11/09/72 4/16/73	64.0 58.7	1958.0 1963.3	5117	09N/33W-28M01 S			903.0	4/12/73	267.6	635.4	5000
295/18E-28K01 M	40		2020.0	11/09/72 4/16/73	30.2 28.9	1989.8 1991.1	5117	09N/34W-03A02 S	42		270.0	4/11/73	215.3	54.7	5000
295/18E-28L01 M	40		2020.0	11/09/72 4/16/73	26.3 24.8	1993.7 1995.2	5117	09N/34W-03F01 S			265.0	4/11/73	NM-1		5000
305/18E-02N01 M	40		1984.0	11/09/72 4/16/73	15.8 9.2	1968.2 1974.8	5117	09N/34W-03N01 S			258.0	4/10/73	DRY		5000
305/18E-03D01 M			2000.0	11/09/72 4/16/73	169.5(1) 28.5	1830.5 1971.5	5117	09N/34W-06K02 S	42		161.0	4/10/73	91.0	70.0	5000
305/18F-12N01 M	40		1970.0	11/09/72 4/16/73	13.2 11.0	1956.8 1959.0	5117	09N/34W-08M01 S	42		222.0	4/11/73	146.6(2)	75.4	5000
305/19E-29M02 M	40		1943.0	11/09/72 4/16/73	10.2 9.0	1932.8 1934.0	5117	10N/33W-07M01 S			255.0	4/10/73	119.2	135.8	5000
325/20E-12P01 M	40		1955.0	10/03/72 4/12/73	30.7 41.9	1924.3 1913.1	5117	10N/33W-07O02 S	42		270.0	4/09/73	118.4	151.6	5000
								10N/33W-07P01 S			270.0	4/09/73	112.9(2)	157.1	5000
								10N/33W-16N01 S			292.0	4/09/73	67.8	224.2	5000
								10N/33W-16N02 S	42		292.0	4/09/73	67.9	224.1	5000
								10N/33W-17J02 S			287.0	4/09/73	NM-1		5000
								10N/33W-18G01 S	42		273.0	10/01/72 1/01/73 4/01/73 7/01/73	120.5 100.8 74.7 110.0	152.5 172.2 198.3 163.0	5000 5404
								10N/33W-19R01 S	42		275.0	10/01/72 1/01/73 4/01/73 7/01/73	145.3 100.9 110.4 97.7	129.7 174.1 164.6 177.3	5000 5404
								10N/33W-19K01 S			280.0	4/11/73	NM-1		5000
								10N/33W-20H01 S	42		300.0	4/10/73	122.6	177.4	5000
								10N/33W-20L01 S	40		294.0	10/23/72 11/28/72 12/26/72 1/24/73 2/21/73 3/29/73 4/24/73 5/24/73 6/25/73 7/24/73 8/29/73	145.3 144.7 143.4 143.1 143.7 142.6 142.4 143.3 144.7 146.8 146.8	148.7 149.3 150.6 150.9 150.3 151.4 151.6 150.7 149.3 147.2 147.2	5000
								10N/33W-21F04 S	42		308.0	4/10/73	97.1	210.9	5000
								10N/33W-21R01 S	42		319.0	4/10/73	87.5(1)	231.5	5000
								10N/33W-27G01 S			338.0	10/01/72 1/01/73 4/01/73 7/01/73	95.2 70.1 91.0 101.3	242.8 267.9 247.0 236.7	5404
								10N/33W-27K02 S			344.0	4/10/73	112.4	231.6	5000
								10N/33W-27R01 S			352.0	4/10/73	101.8	250.2	5000
								10N/33W-28A01 S			325.0	10/01/72 11/28/72 12/26/72 1/01/73 2/21/73 3/29/73 4/01/73 5/24/73 6/25/73 7/01/73 8/29/73	96.7 99.7(2) 96.7 84.8 96.3 95.3 99.8 91.6(2) 85.8 80.0 84.5	228.3 225.3 228.3 240.2 228.7 229.7 225.2 233.4 239.2 245.0 240.5	5404 5000 5404 5000 5404 5404 5404 5000 5404 5404
								10N/33W-28F01 S			316.0	4/11/73	146.1	169.9	5000
								10N/33W-29F01 S			315.0	4/10/73	171.5	143.5	5000
								10N/33W-30G01 S	42		320.0	10/01/72 1/01/73 4/01/73 7/01/73	197.6 192.3 190.1 190.7	122.4 127.7 129.9 129.3	5000 5404
								10N/33W-30M01 S	42		310.0	10/01/72 4/01/73 7/01/73	203.0 191.7 190.0	107.0 118.3 120.0	5404
								10N/33W-30R01 S	42		335.0	10/01/72 1/01/73 4/01/73 7/01/73	188.0 180.5 184.7 174.3	147.0 154.5 150.3 160.7	5404
								10N/33W-33H01 S	42		402.0	4/11/73	224.2	177.8	5000
								10N/33W-35C01 S	42		348.0	4/10/73	49.5	298.5	5000
								10N/34W-02R01 S			230.0	10/01/72	126.8	103.2	5000

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA HYDRO SUBUNIT								SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA HYDRO SUBUNIT							
T-12 T-12.A								T-12 T-12.A							
10N/34W-02R01 S (CONTINUED)			230.0	1/01/73 4/01/73 7/01/73	123.0 108.0 106.4	107.0 122.0 123.6	5404	10N/35W-21R01 S 42			94.0	8/28/73	55.3(4)	38.7	5000
10N/34W-04R01 S			192.0	4/09/73	NW-1		5000	10N/35W-23M02 S 40			125.0	4/09/73	63.8	61.2	5000
10N/34W-06N01 S 42			152.0	10/01/72 1/01/73 4/01/73 7/01/73	96.0 86.4 93.4 89.9	56.0 65.6 58.6 62.1	5404	10N/34W-01H01 S 40			139.2	4/09/73 5/11/73 9/20/73	110.7(1) 119.1 116.2	28.5 20.1 23.0	5117
10N/34W-09L02 S			189.0	1/01/73 4/01/73 7 01/73	117.3 125.0 125.3	71.7 64.0 63.7	5404	10N/36W-02G01 S 40			15.0	9/20/73	7.8	7.2	5117
10N/34W-12P01 S 42			244.0	4/09/73	134.3	109.7	5000	10N/34W-02G02 S 40			15.0	9/20/73	13.3	1.7	5117
10N/34W-12P02 S			245.0	4/09/73	NW-4		5000	10N/36W-02O03 S				9/20/73	FLOW		5117
10N/34W-13C01 S 42			249.0	4/09/73	155.4(1)	93.6	5000	10N/36W-02O04 S				9/20/73	FLOW		5117
10N/34W-13G01 S 42			253.0	4/09/73	142.5	110.5	5000	10N/36W-02O05 S				9/20/73	FLOW		5117
10N/34W-13J01 S 42			260.0	4/09/73	136.1	123.9	5000	10N/36W-02O06 S				9/20/73	FLOW		5117
10N/34W-14E05 S 42			221.0	10/24/72 11/27/72 12/26/72 1/24/73 2/22/73 3/26/73 4/24/73 5/24/73 6/25/73 7/24/73 8/28/73 9/26/73	143.7 145.2 145.8 146.4 146.4 146.3 147.0 146.9 147.0 147.5 148.4 148.2	77.3 75.8 75.2 74.6 74.6 74.7 74.0 74.1 74.0 73.5 72.6 72.8	5000	10N/36W-12P01 S 42			28.0	4/09/73	2.7	25.3	5000
10N/34W-20H01 S 42			182.0	4/11/73	113.0(2)	69.0	5000	10N/36W-14H01 S 42			160.0	4/09/73	101.3	58.7	5000
10N/34W-22R01 S			217.0	10/01/72 1/01/73 4/01/73 7/01/73	148.4 142.9 154.7 150.0	68.6 74.1 62.3 67.0	5000 5404 5000 5404	11N/34W-21P01 S			300.0	4/09/73	96.8	203.2	5117
10N/34W-23H01 S 42			242.0	10/01/72 1/01/73 4/01/73 7/01/73	154.0 156.0 159.3 152.2	88.0 86.0 82.7 89.8	5000 5404	11N/34W-27D01 S 40			295.0	4/10/73	128.0	167.0	5000
10N/34W-24K02 S 42			244.0	10/01/72 1/01/73 4/01/73 7/01/73	147.7 147.0 172.0 171.4	96.3 57.0 72.0 72.6	5404	11N/34W-27G02 S 40			255.0	4/09/73	80.2	174.8	5117
10N/34W-24K03 S 42			245.0	10/01/72 1/01/73 4/01/73 7/01/73	144.1 172.1 164.4 164.0	100.9 72.9 80.6 81.0	5404	11N/34W-27P01 S 40			287.0	4/09/73	131.0	156.0	5000
10N/34W-26H02 S 42			260.0	4/12/73	186.2	73.8	5000	11N/34W-29R01 S 40			164.0	4/10/73	96.1	67.9	5117
10N/34W-31F02 S 42			182.0	4/11/73	126.8(1)	55.2	5000	11N/34W-30D02 S 40			145.0	4/10/73	97.4	47.6	5117
10N/34W-31L02 S 42			175.0	4/11/73	124.2	50.8	5000	11N/34W-30O01 S 40			148.0	10/01/72 1/01/73 4/01/73 7/01/73	92.5 76.2 80.0 80.4	55.5 71.8 68.0 67.4	5404
10N/34W-34G02 S 42			263.0	4/11/73	181.2	81.8	5000	11N/35W-18M01 S 40			24.0	4/10/73 5/11/73	6.4 10.9	17.6 13.1	5000 5117
10N/35W-06A01 S 40			72.0	4/09/73 5/11/73 9/20/73	7.7 8.7 10.4	64.3 63.3 61.6	5000 5117	11N/35W-19C01 S 40			37.0	4/10/73 5/11/73	10.5 17.6	26.5 19.4	5117
10N/35W-06A02 S 40			72.0	4/09/73	8.4	63.6	5000	11N/35W-19C02 S 40			37.0	4/10/73 5/11/73	3.9 5.2	33.1 31.8	5000 5117
10N/35W-06A03 S 40			72.0	4/09/73	25.5	46.5	5000	11N/35W-20E01 S 40			49.0	10/01/72 11/28/72 12/26/72 1/01/73 2/21/73 3/26/73 4/01/73 5/24/73 6/25/73 7/01/73	18.6 16.0 120.0(1) 20.8 13.2 12.4 16.8 122.8(1) 133.5(1) 16.6	30.4 33.0 -71.0 28.2 35.8 36.6 32.2 -73.8 -84.5 32.4	5404 5000 5000 5404 5000 5404 5000 5404
10N/35W-07F01 S 42			48.0	4/12/73	8.5	39.5	5000	11N/35W-21K01 S 40			80.0	4/10/73 5/11/73	36.8 43.2(4)	43.2 36.8	5117
10N/35W-09F01 S 42			88.0	4/12/73	50.6	37.4	5000	11N/35W-25H01 S			135.0	4/10/73	NW-6		5000
10N/35W-09N03 S 42			87.0	4/12/73	11.1	75.9	5000	11N/35W-26M02 S 40			106.0	4/10/73	125.8(1)	-19.8	5117
10N/35W-11F02 S			122.0	4/12/73	NW-1		5000	11N/35W-28F02 S 40			80.0	4/10/73 5/11/73	11.1 17.0	68.9 63.0	5117
10N/35W-12M01 S			138.0	10/01/72 1/01/73 4/01/73 7/01/73	82.3 75.6 61.6 75.6	55.7 62.4 76.4 62.4	5404	11N/35W-28M01 S 40			77.0	10/01/72 1/01/73 4/01/73 7/01/73	39.5 34.0 38.7 41.0	37.5 43.0 38.3 36.0	5404
10N/35W-14L01 S 42			102.0	4/09/73	42.6(1)	59.4	5000	11N/35W-29D01 S 40			60.0	4/10/73	34.4	25.6	5000
10N/35W-18F02 S 42			49.0	4/12/73	15.3	33.7	5000	11N/35W-33C04 S 40			80.0	4/10/73 5/11/73	13.8 16.2	66.2 63.8	5000 5117
10N/35W-21R01 S 42			94.0	10/23/72 11/28/72 12/26/72 1/24/73 2/21/73 3/26/73 4/24/73 5/24/73 6/25/73 7/24/73	52.0 45.4 41.2 41.9 34.1 33.3 44.2 91.6(1) 80.9(1) 58.3(4)	42.0 48.6 52.8 52.1 59.9 60.7 49.8 2.4 13.1 35.7	5000	11N/35W-33G01 S 40			91.0	10/01/72 1/01/73 4/01/73 7/01/73	47.4 50.6 46.2 76.8	43.6 40.4 44.8 14.2	5404
								11N/35W-35A01 S			123.0	10/01/72 1/01/73 4/01/73 7/01/73	73.0 81.7 79.4 86.9	50.0 41.3 43.6 36.1	5404
								11N/36W-13K02 S 40			25.0	10/23/72 11/28/72 12/26/72 1/24/73 2/21/73 3/26/73 4/24/73 5/25/73 6/25/73 7/24/73 8/28/73	19.8 19.4 19.6 18.9 18.9 19.0 19.6 19.4 19.7 19.8 19.9	5.2 5.6 5.4 6.1 6.1 6.0 5.4 5.6 5.3 5.2 5.1	5000
								11N/36W-13K03 S 40			25.0	10/23/72	20.1	4.9	5000

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA HYDRO SUBUNIT								SANTA MARIA-CUYAMA HYDRO UNIT CUYAMA VALLEY HYDRO SUBUNIT							
T-12 T-12.a								T-12 T-12.c							
11N/36W-13K03 S 40			25.0	11/28/72	19.3	5.7	5000	07N/23W-23G01 S 56			3850.0	3/28/73	45.9	3804.1	5121
(CONTINUED)				12/26/72	19.7	5.3						9/20/73	37.1	3812.9	
				1/24/73	19.1	5.9		07N/24W-01L01 S			3500.0	10/06/72	NM-1		5121
				2/21/73	19.1	5.9		07N/24W-02R01 S			3425.0	7/17/73	NM-1		5121
				3/26/73	19.1	5.9						9/19/73	NM-3		
				4/24/73	19.8	5.2		07N/24W-12G01 S			3540.0	10/05/72	NM-9		5121
				5/24/73	19.6	5.4						7/17/73	NM-7		
				6/25/73	19.9	5.1		07N/24W-12H01 S			3570.0	10/06/72	NM-9		5121
				7/24/73	20.0	5.0		07N/24W-13C02 S 56			3418.0	4/11/73	18.9	3399.1	5000
				8/28/73	20.1	4.9		08N/23W-17H01 S			4040.0	9/19/73	NM-3		5121
11N/36W-13K04 S 40			25.0	10/23/72	20.3	4.7	5000	08N/24W-08L01 S 56			3050.0	10/25/72	118.2	2931.8	5000
				11/28/72	19.6	5.4						11/27/72	120.2	2929.8	
				12/26/72	19.6	5.4						12/26/72	121.6	2928.4	
				1/24/73	19.3	5.7						1/23/73	122.9	2927.1	
				2/21/73	19.0	6.0						2/22/73	123.0	2927.0	
				3/26/73	19.1	5.9						3/26/73	120.5	2929.5	
				4/24/73	20.0	5.0						4/24/73	118.8	2931.2	
				5/24/73	20.1	4.9						5/23/73	118.9	2931.1	
				6/25/73	20.5	4.5						6/25/73	118.8	2931.2	
				7/24/73	20.7	4.3						7/24/73	118.9	2931.1	
				8/28/73	20.6	4.4						8/28/73	119.2	2930.9	
11N/36W-13K05 S 40			25.0	10/23/72	18.3	6.7	5000					9/25/73	119.6	2930.4	
				11/28/72	15.8	9.2		08N/24W-28R01 S 42			3250.0	10/06/72	52.3	3197.7	5121
				12/26/72	15.4	9.6						4/02/73	10.4	3239.6	
				1/24/73	15.2	9.8						7/17/73	15.5	3234.5	
				2/21/73	14.4	10.6						9/20/73	22.5	3227.5	
				3/26/73	14.3	10.7		09N/24W-33M01 S 42			3049.0	4/11/73	165.2	2883.8	5000
				4/24/73	17.5	7.5		09N/25W-13R01 S 40			2681.0	4/11/73	99.4	2581.6	5000
				5/24/73	19.2	5.8		09N/26W-01F02 S			2603.0	4/11/73	316.0	2287.0	5000
				6/25/73	20.9	4.1		09N/26W-04J01 S			2575.0	4/11/73	298.3	2276.7	5000
				7/24/73	21.5	3.5		10N/25W-08P01 S			2293.0	4/11/73	87.5	2205.5	5000
				8/28/73	21.1	3.9		10N/25W-24E01 S 40			2475.0	10/27/72	333.3	2141.7	5000
11N/36W-13K06 S 40			25.0	10/23/72	18.1	6.9	5000					11/27/72	333.8	2141.2	
				11/28/72	16.0	9.0						12/27/72	338.8	2136.2	
				12/26/72	15.6	9.4						1/27/73	339.5	2135.5	
				1/24/73	15.3	9.7						2/22/73	339.6	2135.4	
				2/21/73	14.6	10.4						3/24/73	334.0	2141.0	
				3/26/73	14.5	10.5						4/24/73	333.3	2141.7	
				4/24/73	17.7	7.3						5/23/73	334.8	2140.2	
				5/24/73	19.6	5.4						6/25/73	335.1	2139.4	
				6/25/73	21.2	3.8						7/24/73	341.2	2133.8	
				7/24/73	21.8	3.2						8/28/73	342.0	2133.0	
				8/28/73	21.4	3.6						9/25/73	342.5	2132.5	
11N/36W-35J02 S				9/20/73	Flow		5117	10N/25W-30F01 S 42			2320.0	4/11/73	130.1(2)	2149.9	5000
11N/36W-35J03 S 40			30.0	9/20/73	5.0	25.0	5117	10N/26W-04R01 S 40			2116.0	4/11/73	55.4(2)	2060.6	5000
11N/36W-35J04 S 40			30.0	9/20/73	5.1	24.9	5117	10N/26W-16001 S 42			2205.0	4/11/73	76.9	2128.1	5000
SISQUOC HYDRO SUBUNIT								10N/26W-22A01 S 42			2219.0	4/11/73	73.7	2145.3	5000
T-12.b								10N/26W-27N01 S 42			2362.0	4/11/73	165.2	2196.8	5000
09N/32W-06D01 S			433.0	4/10/73	84.3	348.7	5000	10N/27W-11A01 S 42			1978.0	10/25/72	55.7	1922.3	5000
09N/32W-06G02 S 42			505.0	4/10/73	183.6	321.4	5000					11/27/72	51.2	1926.8	
09N/32W-07A01 S 42			470.0	4/10/73	129.0	341.0	5000					12/27/72	47.5	1930.5	
09N/32W-07N01 S 42			422.0	10/01/72	96.7	325.3	5404					1/27/73	45.2	1932.8	
				1/01/73	71.7	350.3						2/22/73	43.3	1934.7	
				4/01/73	87.7	334.3						3/26/73	53.5(2)	1924.5	
				7/01/73	86.4	335.6						4/24/73	56.7(2)	1921.3	
09N/32W-07Q01 S 42			421.0	4/10/73	63.0(1)	358.0	5000					5/23/73	61.4(2)	1916.6	
09N/32W-08N01 S			420.0	4/10/73	43.4	376.6	5000					6/25/73	55.4	1922.6	
09N/32W-09P03 S			500.0	4/10/73	NM-4		5000					7/24/73	61.4(2)	1916.6	
09N/32W-16L01 S			468.0	4/10/73	21.2	446.8	5000					8/28/73	68.3(2)	1909.7	
09N/32W-17G01 S 42			447.0	4/10/73	41.6	405.4	5000					9/25/73	69.7(2)	1908.3	
09N/32W-18H01 S			443.0	4/10/73	55.9	387.1	5000	10N/27W-12R01 S 42			2045.0	4/11/73	95.0	1950.0	5000
09N/32W-19A01 S			728.0	4/10/73	361.2	366.8	5000	10N/32W-19E01 S			380.0	3/27/73	8.5	371.5	5000
09N/32W-20F01 S			638.0	4/10/73	251.0	387.0	5000	10N/32W-19E02 S 42			380.0	3/27/73	9.9	370.1	5000
09N/32W-22D01 S			490.0	4/10/73	10.7	479.3	5000	10N/32W-19H01 S			380.0	3/27/73	7.8	372.2	5000
09N/32W-23K01 S			532.0	4/10/73	7.8	524.2	5000	10N/33W-36A01 S			372.0	3/27/73	18.3	353.7	5000
09N/32W-32K01 S 42			725.0	4/07/73	62.5	662.5	5000								
09N/32W-33M01 S			745.0	4/07/73	62.3	682.7	5000								
09N/33W-02A01 S 42			378.7	10/01/72	89.8	288.9	5404								
				1/01/73	66.8	311.9									
				4/01/73	86.3	292.4									
				7/01/73	80.5	298.2									
09N/33W-02H09 S 42			280.0	4/10/73	73.8	206.2	5000								
09N/33W-12C01 S 42			399.0	4/10/73	95.0	304.0	5000								



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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA YNEZ HYDRO UNIT LOMPOC HYDRO SUBUNIT							T-14 T-14.A	SANTA YNEZ HYDRO UNIT LOMPOC HYDRO SUBUNIT							T-14 T-14.A
07N/34W-27L01 S 42			97.0	9/21/73	59.4	37.6	5001	07N/35W-26F04 S 42			35.0	4/12/73	29.0(1)	6.0	5000
07N/34W-29E04 S 42			67.7	4/16/73	28.7	39.0	5000	07N/35W-26J04 S 42			40.8	10/25/72	21.5	19.3	5000
07N/34W-29E06 S 42			65.0	4/16/73	32.5	32.5	5000					11/27/72	15.5	25.3	
07N/34W-29H01 S 42			78.0	4/16/73	29.5	48.5	5000					12/26/72	14.2	26.6	
07N/34W-29R01 S 42			77.0	4/16/73	35.6	41.4	5000					1/24/73	12.6	28.2	
07N/34W-30L03 S 42			58.7	4/16/73	26.1	32.6	5000					2/23/73	12.5	28.3	
				5/11/73	24.4(2)	34.3						3/27/73	10.1	30.7	
07N/34W-30L08 S 42			59.0	4/16/73	24.2	34.8	5000					4/24/73	17.0	23.8	
07N/34W-31C02 S 42			64.7	4/11/73	61.6(4)	3.1	5000					5/24/73	21.5	19.3	
07N/34W-31C04 S			64.6	4/11/73	NM-4		5000	07N/35W-27F01 S 42			27.6	4/18/73	8.4	19.2	5000
07N/34W-31P03 S			70.0	4/11/73	NM-4		5000	07N/35W-27H01 S 42			27.0	4/18/73	5.2	21.8	5000
07N/34W-35F16 S 42			119.5	10/25/72	40.1	59.4	5000	07N/35W-27P01 S 42			260.0	4/19/73	225.2	34.8	5000
				11/27/72	56.8	62.7		07N/35W-28K02 S 42			89.0	4/17/73	19.2	69.8	5000
				12/26/72	58.1	61.4		07N/35W-28R01 S 42			120.0	10/25/72	64.3	55.7	5000
				1/24/73	50.7	68.8						11/27/72	64.1	55.9	
				2/22/73	43.1	76.4						12/26/72	64.0	56.0	
				3/23/73	40.6	78.9						1/24/73	63.9	56.1	
				4/24/73	47.2(1)	72.3						2/23/73	63.7	56.3	
				5/24/73	39.6	79.9						3/27/73	63.6	56.4	
				6/25/73	40.8	78.7						4/24/73	64.1	55.9	
07N/34W-35F20 S			119.5	4/16/73	NM-6		5000					5/24/73	63.9	56.1	
07N/34W-35K09 S 42			101.0	1/16/73	33.6	67.4	5000	07N/35W-30G01 S 42			130.0	4/17/73	97.4	32.6	5000
				2/20/73	20.3	80.7		07N/35W-33J01 S 42			177.0	4/18/73	125.7	51.3	5000
				3/24/73	18.8	82.2		07N/35W-33J02 S 42			177.0	4/18/73	129.1	47.9	5000
				4/16/73	19.0	82.0		07N/35W-33J03 S 42			220.0	4/18/73	136.2	83.8	5000
				5/24/73	19.8	81.2		07N/35W-33R01 S 42			216.0	10/25/72	115.1	100.9	5000
				6/20/73	20.2	80.8						11/27/72	114.6	101.4	
				7/17/73	22.5	78.5						12/26/72	114.6	101.4	
				8/30/73	27.5	73.5						1/24/73	114.2	101.8	
				9/25/73	29.3	71.7						2/23/73	114.0	102.0	
07N/35W-17K01 S 42			10.0	4/12/73	3.8	6.2	5000					3/27/73	114.1	101.9	
07N/35W-17M01 S 42			9.7	10/25/72	3.6	6.1	5000					4/24/73	114.2	101.8	
				11/27/72	2.1	7.6						5/24/73	114.7	101.3	
				12/26/72	1.9	7.8						6/26/73	114.5	101.5	
				1/24/73	3.7	6.0						7/24/73	115.4	100.4	
				2/22/73	3.9	5.8						8/28/73	115.6	100.4	
				3/27/73	3.6	6.1		07N/35W-35A03 S 42			45.7	4/11/73	14.3	31.4	5000
				4/24/73	4.5	5.2		07N/35W-35D02 S 42			70.0	4/18/73	12.7	57.3	5000
				5/24/73	4.7	5.0		SANTA RITA HYDRO SUBUNIT							T-14.R
				6/25/73	4.5	5.2		06N/32W-06K01 S			383.5	4/24/73	24.7	358.8	5000
				7/24/73	4.0	5.7		06N/32W-16G02 S			273.6	11/17/72	NM-9		5001
				8/28/73	4.2	5.5		06N/32W-16P03 S 42			293.1	4/11/73	45.1	248.0	5000
				9/26/73	4.0	5.7		06N/32W-17F02 S 42			245.0	9/25/73	14.7	230.3	5001
07N/35W-18H01 S 42			5.8	4/12/73	1.9	3.9	5000	06N/32W-17L01 S			249.4	8/28/73	NM-1		5001
07N/35W-18H02 S 42			7.2	10/25/72	2.7	4.5	5000	06N/32W-18H01 S 42			267.0	4/11/73	32.8(4)	234.2	5000
				11/27/72	1.1	6.1		06N/33W-06D03 S			150.0	11/18/72	NM-9		5001
				12/26/72	1.2	6.0						1/16/73	NM-9		
				1/24/73	3.0	4.2						6/20/73	NM-9		
				2/22/73	3.2	4.0						8/29/73	NM-7		
				3/27/73	3.2	4.0						9/25/73	NM-7		
				4/24/73	3.8	3.4		06N/33W-06K01 S			186.0	1/16/73	NM-9		5001
				5/24/73	4.2	3.0						7/17/73	NM-1		
				6/25/73	3.9	3.3		06N/33W-07A01 S			180.0	1/16/73	NM-9		5001
				7/24/73	3.3	3.9		06N/33W-08F02 S			190.0	5/23/73	NM-1		5001
				8/28/73	3.5	3.7						6/20/73	NM-1		
				9/26/73	3.3	3.9						7/17/73	NM-1		
07N/35W-20J01 S 42			19.0	4/18/73	8.7	10.3	5000					8/29/73	NM-1		
07N/35W-21L04 S 42			20.0	4/18/73	10.3	9.7	5000	06N/33W-08J01 S 42			200.5	1/16/73	41.2	159.3	5000
07N/35W-22J01 S 42			31.7	4/12/73	15.0	16.7	5000					2/20/73	35.4	165.1	
07N/35W-22L01 S 42			30.0	4/12/73	16.0	14.0	5000					3/24/73	34.7	165.8	
07N/35W-22M01 S 42			28.8	4/18/73	8.0	20.8	5000					4/10/73	35.5	165.0	
07N/35W-22N02 S 42			24.0	4/18/73	7.4	16.6	5000					5/23/73	36.4	164.1	
07N/35W-23E02 S 42			36.1	4/12/73	16.0	20.1	5000					6/20/73	36.4	164.1	
07N/35W-23E04 S			36.9	4/12/73	NM-4		5000					7/17/73	37.2	163.3	
07N/35W-23J05 S			43.0	4/12/73	NM-1		5000					8/29/73	38.4	162.1	
07N/35W-24H01 S 42			48.0	4/19/73	18.3	29.7	5000					9/25/73	38.7	161.8	
07N/35W-24J01 S 42			59.4	4/16/73	31.6(2)	27.8	5000	06N/33W-09P01 S			203.0	10/25/72	37.7	165.3	5000
07N/35W-24K02 S			51.0	4/12/73	NM-6		5000					11/27/72	42.2	160.8	
07N/35W-24K04 S 42			51.1	4/12/73	22.7	28.4	5000					12/26/72	41.5	161.5	
07N/35W-25F05 S 42			46.9	4/12/73	25.3	21.6	5000					1/24/73	40.7	162.3	
07N/35W-25F06 S 42			47.7	4/12/73	11.1	36.6	5000								
07N/35W-25F07 S 42			46.9	4/12/73	10.6	36.3	5000								

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TABLE C-1  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA YNEZ HYDRO UNIT SANTA RITA HYDRO SUBUNIT								SANTA YNEZ HYDRO UNIT SANTA YNEZ HYDRO SUBUNIT							
T-14 T-14.8								T-14 T-14.0							
06N/33W-09P01 S (CONTINUED)			203.0	2/22/73	37.8	165.2	5000	06N/30W-06A01 S			665.2	10/25/72	125.7	539.5	5000
				3/23/73	35.7	167.3						11/28/72	122.3	542.9	
				4/24/73	36.7	166.3						12/26/72	120.1	545.1	
				5/24/73	37.0	166.0						1/24/73	118.3	546.9	
				6/25/73	36.6	166.4						2/22/73	116.5	548.7	
				7/24/73	37.1	165.9						3/27/73	114.3	550.9	
				8/28/73	37.3	165.7						4/24/73	117.1	548.1	
				9/26/73	36.4	166.6						5/24/73	119.7	545.5	
06N/33W-10M01 S 42			200.0	9/25/73	40.3	159.7	5001					6/25/73	122.2	543.0	
06N/33W-11M01 S 42			203.8	1/16/73	12.6	191.2	5000					7/24/73	118.1	547.1	
				2/20/73	6.7	197.1						8/27/73	123.0	542.2	
				3/24/73	6.4	197.4						9/26/73	124.2	541.0	
				4/11/73	6.5	197.3		06N/30W-07G05 S 42			600.0	4/19/73	51.2	548.8	5000
				5/23/73	9.6	194.2									
				6/20/73	NM-1		5001	06N/30W-07G06 S 42			600.0	4/19/73	51.6	548.4	5000
				7/17/73	NM-1			06N/30W-09M01 S			660.0	4/19/73	41.0	619.0	5000
				8/29/73	10.5	193.3	5000								
				9/25/73	10.8	193.0		06N/30W-11K01 S			652.0	3/18/73	7.5	644.5	5000
06N/33W-12L01 S			223.6	1/16/73	NM-9		5001	06N/30W-19M02 S			456.3	5/22/73	NM-1		5000
06N/33W-14D01 S			229.2	9/25/73	NM-0		5001	06N/30W-20M01 S			476.3	10/16/72	NM-1		5001
06N/34W-01G02 S			116.7	1/16/73	NM-9		5001					12/19/72	NM-1		
06N/34W-01K01 S			122.1	1/16/73	NM-9		5001					5/21/73	NM-1		
06N/34W-01R01 S			140.3	1/16/73	NM-9		5001					9/24/73	NM-1		5000
07N/32W-18C02 S			850.0	4/24/73	53.1	796.9	5000	06N/30W-20M05 S			476.0	5/21/73	NM-1		5000
07N/32W-31M01 S			450.0	4/24/73	98.7(1)	351.3	5000	06N/30W-21P02 S			498.7	1/15/73	10.3	488.4	5000
07N/33W-21C01 S			453.0	4/25/73	NM-1		5000					2/19/73	9.3	489.4	
07N/33W-21N01 S			360.0	4/25/73	282.4	77.6	5000					3/22/73	7.3	491.4	
07N/33W-27J01 S			458.2	4/25/73	20.4	437.8	5000					5/21/73	NM-1		5001
07N/33W-36J01 S			495.0	4/25/73	143.7	351.3	5000					6/19/73	NM-1		
07N/33W-36J02 S 42			478.0	4/24/73	65.5	412.5	5000					7/16/73	9.8	488.9	5000
07N/33W-36J03 S 42			490.0	4/24/73	136.2(1)	353.8	5000					8/27/73	NM-1		5001
BUFLTON HYDRO SUBUNIT								T-14.0							
06N/31W-03A01 S			760.0	4/20/73	150.7	609.3	5000	06N/31W-29E01 S			465.0	1/15/73	25.0	440.0	5000
06N/31W-04A01 S			615.0	4/20/73	82.8	532.2	5000					2/19/73	15.6	444.4	
06N/31W-06F01 S			425.0	4/24/73	87.8	337.2	5000					3/22/73	14.2	450.8	
06N/31W-10F01 S 42			540.0	4/20/73	66.6	473.4	5000					5/21/73	16.1	448.9	
06N/31W-16N02 S 42			366.2	4/24/73	13.9	352.3	5000					6/19/73	15.8	449.2	
06N/31W-17D01 S			340.8	5/22/73	NM-1		5001					7/16/73	16.2	448.8	
				7/16/73	NM-1							8/27/73	20.3	444.7	
06N/31W-17F01 S 42			362.9	4/24/73	28.2	334.7	5000					9/24/73	22.1	442.9	
06N/31W-17P01 S			364.8	7/16/73	NM-1		5001	06N/31W-01P02 S 42			620.0	4/19/73	51.0	569.0	5000
06N/31W-18G01 S			334.7	8/28/73	NM-1		5001	06N/31W-01P03 S 42			640.0	4/19/73	80.1	559.9	5000
06N/31W-18H02 S			345.0	9/24/73	NM-1		5000	06N/31W-02K01 S 42			627.0	4/19/73	49.3(2)	577.7	5000
06N/32W-02O01 S			359.4	4/24/73	58.2	301.2	5000	06N/31W-11D04 S			558.5	4/20/73	41.1	517.4	5000
06N/32W-09A02 S 42			308.0	4/24/73	35.6	272.4	5000	06N/31W-13D01 S			608.0	4/20/73	119.7(1)	488.3	5000
06N/32W-11L02 S			299.9	6/20/73	NM-1		5000	06N/31W-24F01 S			429.0	9/24/73	NM-1		5001
				8/28/73	NM-1			07N/29W-28D01 S			1130.0	4/17/73	12.2	1117.8	5000
06N/32W-12J11 S 42			351.8	4/25/73	33.8	318.0	5000	07N/29W-29P02 S 42			1050.0	4/17/73	30.9(2)	1019.1	5000
07N/32W-07R01 S			1030.0	4/24/73	39.2	990.8	5000	07N/30W-16R01 S			1077.0	4/18/73	NM-1		5000
SANTA YNEZ HYDRO SUBUNIT								07N/30W-19H01 S			1120.0	4/18/73	190.1	929.9	5000
T-14.0								07N/30W-19P01 S			920.0	4/19/73	82.5	837.5	5000
06N/29W-05A01 S			1190.0	4/17/73	7.6	1182.4	5000	07N/30W-22F01 S 42			920.0	3/18/73	6.9	913.1	5000
06N/29W-06F01 S			840.0	4/17/73	12.4	827.6	5000	07N/30W-24G01 S 42			1190.0	4/18/73	51.9	1138.1	5000
06N/29W-06G01 S			875.0	4/17/73	46.4	828.6	5000	07N/30W-27H01 S 42			852.0	4/20/73	4.7	847.3	5000
06N/29W-07L01 S 42			868.0	4/17/73	209.9	658.1	5000	07N/30W-27O01 S 42			789.0	3/18/73	21.6	767.4	5000
06N/29W-08P01 S 42			910.0	4/17/73	227.6	682.4	5000	07N/30W-29D01 S			910.0	4/18/73	NM-1		5000
06N/29W-08P02 S 42			910.0	4/17/73	228.0	682.0	5000	07N/30W-29N02 S			820.3	4/18/73	NM-1		5000
06N/30W-01R03 S 42			760.0	4/17/73	24.4	735.6	5000	07N/30W-30M01 S			795.0	4/18/73	154.8	640.2	5000
06N/30W-02M01 S			695.0	4/20/73	NM-1		5000	07N/30W-33M02 S			746.3	4/18/73	NM-1		5000
06N/30W-03A01 S			720.0	6/24/73	NM-1		5000	07N/31W-02A03 S 42			865.0	4/19/73	44.3	820.7	5000
				8/28/73	NM-1			07N/31W-23P01 S 42			821.8	10/25/72	48.2	773.6	5000
												11/27/72	48.9	772.9	
												12/26/72	49.1	772.7	
												1/24/73	50.9	770.9	
												2/22/73	48.3	773.5	
												3/27/73	46.4	775.4	
												4/24/73	46.5	775.3	
												5/24/73	47.2	774.6	
												6/25/73	48.2	773.6	
												7/24/73	48.9	772.9	
												8/28/73	49.1	772.7	
												9/26/73	49.0	772.8	
								07N/31W-25L01 S			806.0	4/19/73	118.9	687.1	5000

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
SANTA YNEZ HYDRO UNIT SANTA YNEZ HYDRO SUBUNIT							T-14 T-14.D	SANTA BARBARA HYDRO UNIT ARGUELLO HYDRO SUBUNIT							T-15 T-15.A
07N/31W-26P01 S			743.0	4/19/73	15.3	727.7	5000	04N/30W-01G01 S 42			180.0	11/07/72	105.5	74.5	5000
07N/31W-36L02 S 42			720.6	4/19/73	85.3	635.3	5000					12/27/72	100.1	79.9	
08N/30W-30F01 S			1380.0	4/24/73	21.8	1358.2	5000					1/29/73	98.1	81.9	
08N/31W-25Q01 S			1220.0	4/24/73	38.8	1181.2	5000					2/21/73	97.3	82.7	
HEADWATER HYDRO SUBUNIT							T-14.E					3/26/73	96.2	83.8	
06N/29W-09J01 S 42			803.0	4/17/73	12.1	790.9	5000					4/24/73	95.7	84.3	
07N/29W-29R01 S 42			1050.0	4/17/73	32.7(2)	1017.3	5000					5/25/73	101.4	78.6	
								05N/29W-31C01 S 42			400.0	4/09/73	44.9	355.1	5000
								05N/30W-19F01 S			330.0	4/09/73	9.7	320.3	5000
								05N/30W-28R01 S 42			350.0	4/09/73	37.7	312.3	5000
								05N/30W-30N02 S 42			85.0	4/09/73	13.0	72.0	5000
								05N/31W-26G01 S			170.0	4/11/73	NM-4		5000
								05N/31W-35B01 S 42			80.0	4/11/73	6.9	73.1	5000
								05N/32W-35F01 S 42			118.0	4/11/73	108.3(1)	9.7	5000
								06N/35W-31M01 S			74.0	4/17/73	59.2	14.8	5000
								06N/36W-26C01 S			170.0	4/17/73	83.2	86.8	5000
								06N/36W-26F01 S			150.0	4/17/73	88.8	61.2	5000
								06N/36W-26G01 S			330.0	4/17/73	100.1	229.9	5000
								07N/35W-31J01 S 42			160.0	4/17/73	51.8	108.2	5000
								07N/35W-31M02 S 42			200.0	4/17/73	8.4	191.6	5000
								07N/35W-32N01 S 42			175.0	4/17/73	5.4	169.6	5000
								SOUTH COAST HYDRO SUBUNIT GOLF TA HYDRO SUBAREA							T-15.C T-15.C1
								04N/27W-07M06 S 42			195.0	10/02/72	95.2	99.8	5000
												11/02/72	95.7	99.3	
												12/04/72	95.0	100.0	
												1/04/73	95.4	99.6	
												2/05/73	95.7	99.3	
												3/05/73	95.0	100.0	
												4/05/73	95.4	99.6	
												5/02/73	95.5	99.5	
												6/05/73	95.3	99.7	
												7/03/73	94.9	100.1	
												8/02/73	94.6	100.4	
												9/04/73	94.4	100.6	
								04N/28W-02G01 S 42			410.0	10/02/72	47.6	362.4	5000
												11/02/72	44.0	366.0	
												12/04/72	44.7	365.3	
												1/04/73	44.5	365.5	
												2/05/73	44.7	365.3	
												3/05/73	42.2	367.8	
												4/05/73	43.9	366.1	
												5/02/73	43.6	366.4	
												6/05/73	45.6	364.4	
												7/03/73	45.6	364.4	
												8/02/73	48.4	361.6	
												9/04/73	47.6	362.4	
								04N/28W-03M03 S 42			118.4	10/02/72	76.8	41.6	5000
												11/02/72	77.1	41.3	
												12/05/72	77.0	41.4	
												1/04/73	77.2	41.2	
												2/05/73	77.2	41.2	
												3/05/73	77.1	41.3	
												4/05/73	55.8	62.6	
												5/02/73	76.7	41.7	
												6/05/73	76.4	42.0	
												7/03/73	77.4	41.0	
												8/02/73	77.2	41.2	
												9/04/73	77.1	41.3	
								04N/28W-03P05 S 42			120.0	10/02/72	50.5	69.5	5000
												11/02/72	51.3	68.7	
												12/05/72	52.0	68.0	
												1/04/73	51.5	68.5	
												2/05/73	51.5	68.5	
												3/05/73	51.3	68.7	
												4/05/73	50.8	69.2	
												5/02/73	50.9	69.1	
												6/05/73	49.4	70.6	
												7/03/73	49.3	70.7	
												8/02/73	49.6	70.4	
												9/04/73	48.4	71.6	
								04N/28W-03R07 S 42			128.0	10/02/72	82.2	45.8	5000
												11/02/72	82.6	45.4	
												12/04/72	82.4	45.6	
												1/04/73	82.6	45.4	
												2/05/73	82.7	45.3	
												3/05/73	82.2	45.8	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA								SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA							
04N/28W-03R07 S 42 (CONTINUED)			128.0	4/05/73 5/02/73 6/05/73 7/03/73 8/02/73 9/04/73	81.5 81.2 80.2 79.7 80.0 79.5	46.5 46.8 47.8 48.3 48.0 48.5	5000 T-15 T-15.C T-15.C1	04N/28W-09R01 S 42 (CONTINUED)			75.0	11/02/72 12/05/72 1/05/73 2/06/73 3/06/73 4/06/73 5/03/73 6/05/73 7/05/73 8/03/73 9/04/73	90.7 88.7 88.7 88.7 87.7 83.7 88.7 88.7 80.7 61.7(4) 79.7	-15.7 -13.7 -13.7 -13.7 -12.7 -8.7 -13.7 -13.7 -5.7 13.3 -4.7	5000 T-15 T-15.C T-15.C1
04N/28W-04R04 S 42			96.0	10/04/72 11/02/72 3/06/73 4/05/73	105.5 101.5 105.5 NM-0	-9.5 -5.5 -9.5	5000	04N/28W-09R02 S 42			50.0	10/04/72 12/05/72 12/05/72 1/05/73 2/06/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/04/73	73.5 86.5 88.5 89.5 90.5 87.5 56.5 72.5 85.5 70.5 70.5 70.5	-23.5 -36.5 -38.5 -39.5 -40.5 -37.5 -6.5 -22.5 -35.5 -20.5 -20.5 -20.5	5000
04N/28W-05R01 S 42			62.0	10/04/72 11/03/72 12/05/72 1/04/73 2/05/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/04/73	17.9 18.2 17.7 17.2 16.7 15.4 14.0 13.4 13.8 14.0 14.9 15.0	44.1 43.8 44.3 44.8 45.3 46.6 48.0 48.6 48.2 48.0 47.1 47.0	5000	04N/28W-09R03 S 42			42.0	10/04/72 11/03/72 12/05/72 1/05/73 2/06/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/04/73	67.3 67.9 66.8 67.4 67.0 66.5 65.6 65.4 65.7 66.9 67.9 68.2	-25.3 -25.9 -24.8 -25.4 -25.0 -24.5 -23.6 -23.4 -23.7 -24.9 -25.4 -24.2	5000
04N/28W-08R08 S			25.0	10/04/72 11/03/72 12/05/72 1/04/73 2/05/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73	51.0(1) 51.0(1) 48.0(1) 53.0(1) 49.0(1) 48.0(1) 15.0 49.0(1) 58.0(1) 47.0(1) 48.0(1)	-26.0 -26.0 -23.0 -28.0 -24.0 -23.0 10.0 -24.0 -33.0 -22.0 -23.0	5000	04N/28W-10R01 S 42			90.6	10/04/72 11/03/72 12/05/72 1/04/73 2/05/73 3/05/73 4/07/73 5/02/73 6/05/73 7/05/73 8/02/73 9/04/73	147.1(1) 149.1(1) 147.1(1) 147.1(1) 148.1(1) 111.1 107.1 112.1 143.1 144.1 108.1 105.1	-56.5 -58.5 -56.5 -56.5 -57.5 -20.5 -16.5 -21.5 -52.5 -53.5 -17.5 -14.5	5000
04N/28W-08R03 S 42			28.0	10/04/72 11/03/72 12/05/72 1/04/73 2/06/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/05/73	15.2 15.7 14.2 13.7 12.9 11.7 11.1 10.9 11.9 12.6 13.5 13.9	12.8 12.3 13.8 14.3 15.1 16.3 16.9 17.1 16.1 15.4 14.5 14.1	5000	04N/28W-10R02 S 42			65.0	6/06/73	NM-6		5000
04N/28W-08R02 S 42			20.0	10/04/72 11/03/72 12/05/72 1/04/73 2/06/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/05/73	16.2 17.4 14.3 13.8 13.3 12.0 11.4 11.2 12.6 14.4 15.8 14.5	3.8 2.6 5.7 6.2 6.7 8.0 8.6 8.8 7.4 5.6 4.2 5.5	5000	04N/28W-10R03 S 42			70.0	11/03/72 12/05/72 1/04/73 2/06/73 3/06/73 4/05/73 5/03/73 6/06/73 8/03/73 9/05/73	116.1 115.9 115.8 115.1 112.8 109.4 109.7 107.0 109.8 111.8	-46.1 -45.4 -45.4 -45.1 -42.8 -39.4 -39.7 -37.0 -39.8 -41.4	5000
04N/28W-08R03 S 42			25.0	10/04/72 11/03/72 12/05/72 1/04/73 2/06/73 3/06/73 4/06/73 5/03/73 6/06/73 7/05/73 8/03/73 9/05/73	32.7 33.0 32.7 33.5 33.4 33.2 32.6 32.4 32.4 32.9 33.7 34.5	-7.7 -8.0 -7.7 -8.5 -8.4 -8.2 -7.6 -7.4 -7.4 -7.9 -8.7 -9.5	5000	04N/28W-11R01 S 42			133.4	10/02/72 11/02/72 12/04/72 1/04/73 2/05/73 3/05/73 4/05/73 5/02/73 6/05/73 7/03/73 8/02/73 9/04/73	155.8 153.9 154.1 153.6 155.7 155.8 155.3 155.4 155.0 156.5 157.7 157.8	-22.4 -20.5 -20.7 -20.2 -22.3 -22.2 -21.9 -22.0 -21.8 -23.1 -24.3 -24.4	5000
04N/28W-09R02 S 42			64.0	10/04/72 11/02/72 12/05/72 1/04/73 2/05/73 3/06/73 4/06/73 5/03/73 6/05/73 7/05/73 8/03/73 9/04/73	61.3 62.8 62.1 62.3 62.9 62.5 60.3 59.3 59.9 60.5 61.8 60.7	2.7 1.2 1.9 1.7 1.1 1.5 3.7 4.7 4.1 3.5 2.2 3.3	5000	04N/28W-11R02 S 42			39.0	10/02/72 11/02/72 12/05/72 1/05/73 2/06/73 3/06/73 4/05/73 5/02/73 6/05/73 7/03/73 8/02/73 9/04/73	39.2 39.3 38.5 39.0 38.7 37.3 36.6 36.4 36.5 38.6 39.0 39.5	0.7 0.8 1.4 0.9 1.2 2.6 3.3 3.5 3.4 1.3 0.9 0.4	5000
04N/28W-09R03 S 42			60.1	10/04/72 11/02/72 12/05/72 1/04/73 2/05/73 3/06/73 4/06/73 5/02/73 6/05/73 7/03/73 8/03/73 9/04/73	52.2 53.0 52.6 52.9 52.1 51.4 52.0 51.0 51.1 52.0 51.6	7.9 7.1 7.5 7.2 8.0 8.7 8.1 9.1 9.0 8.1 8.5	5000	04N/28W-12R01 S 42			203.0	10/02/72 11/02/72 12/04/72 1/04/73 2/05/73 3/05/73 4/05/73 5/02/73 6/05/73 7/03/73 8/02/73 9/04/73	93.0 93.9 94.1 94.4 94.7 94.1 94.5 94.6 94.4 94.0 93.6 93.7	110.0 109.1 108.9 108.6 108.3 108.9 108.5 108.4 108.4 109.0 109.4 109.3	5000
04N/28W-09R03 S 42			75.0	10/04/72	89.7	-14.7	5000								

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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA		
SANTA BARRERA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA							T-15 T-15.C T-15.C1	SANTA BARRERA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA							T-15 T-15.C T-15.C1		
04N/28W-12P03 S 42			80.0	10/01/72	167.5(2)	-87.5	5000	04N/28W-16J02 S 42			26.0	9/05/73	61.9	-35.9	5000		
				11/01/72	172.5(2)	-92.5		04N/28W-16J05 S 42			25.0	4/11/73	4.2	20.8	5000		
				12/05/72	163.8(2)	-83.8		04N/28W-16L01 S 42			22.0	10/04/72	41.4	-19.4	5000		
				1/05/73	165.3(2)	-85.3						11/03/72	42.0	-20.0			
				2/06/73	161.5(2)	-81.5						12/05/72	38.5	-16.5			
				3/07/73	159.5(2)	-79.5						1/05/73	38.9	-16.9			
				4/03/73	172.5(2)	-92.5						2/06/73	38.0	-16.0			
				5/03/73	173.5(2)	-93.5						3/06/73	36.6	-14.6			
				6/05/73	172.5(2)	-92.5						4/06/73	33.8	-11.8			
				7/05/73	176.5(2)	-96.5						5/03/73	34.0	-12.0			
				8/06/73	185.5(2)	-105.5						6/06/73	40.9	-18.9			
				9/05/73	181.5(2)	-101.5						7/05/73	39.9	-17.9			
04N/28W-12P05 S 42			100.0	10/02/72	161.8	-61.8	5000					8/03/73	40.5	-18.5			
				11/02/72	162.5	-62.5						9/05/73	41.4	-19.4			
				12/04/72	161.3	-61.3		04N/29W-01F01 S			180.0	10/04/72	8.4	171.6	5000		
				1/04/73	159.4	-59.4						11/03/72	8.4	171.6			
				2/05/73	157.9	-57.9						12/05/72	7.5	172.5			
				3/05/73	157.2	-57.2						1/04/73	7.8	172.2			
				4/05/73	156.6	-56.6						2/06/73	6.2	173.4			
				5/02/73	156.7	-56.7						3/06/73	4.1	175.9			
				6/05/73	159.9	-59.9						4/06/73	4.8	175.2			
				7/03/73	161.2	-61.2						5/03/73	5.5	174.5			
				8/02/73	163.3	-63.3						6/06/73	6.0	174.0			
				9/04/73	162.9	-62.9						7/05/73	6.3	173.7			
04N/28W-14C01 S 42			40.0	10/02/72	45.2	-5.2	5000					8/03/73	6.5	173.5			
				11/02/72	64.7	-24.7						9/05/73	7.0	173.0			
				12/04/72	63.3	-23.3		04N/29W-12D03 S			100.0	10/04/72	17.9	82.1	5000		
				1/04/73	61.7	-21.7						11/03/72	17.9	82.1			
				2/05/73	59.6	-19.6						12/05/72	16.4	83.6			
				3/05/73	57.1	-17.1						1/04/73	16.4	83.6			
				4/05/73	54.1	-14.1						2/06/73	14.6	85.4			
				5/02/73	57.2	-17.2						3/06/73	11.7	88.3			
				6/05/73	53.0	-13.0						4/06/73	11.8	88.2			
				7/05/73	196.1(2)	-156.1						5/03/73	12.6	87.4			
				8/06/73	190.1(1)	-150.1						6/06/73	13.5	86.5			
				9/04/73	197.1(1)	-157.1						7/05/73	14.2	85.8			
04N/28W-14F01 S				10/02/72	FLOW		5000					8/03/73	14.7	85.3			
				11/02/72	FLOW							9/05/73	15.2	84.8			
				12/05/72	FLOW			04N/29W-13G03 S 42			41.0	10/04/72	17.3	23.7	5000		
				1/04/73	FLOW							11/03/72	17.4	23.6			
				2/05/73	FLOW							12/05/72	17.4	23.6			
				3/05/73	FLOW							1/04/73	17.2	23.8			
				4/05/73	FLOW							2/06/73	17.1	23.9			
				5/02/73	FLOW							3/06/73	16.7	24.3			
				6/05/73	FLOW							4/06/73	16.6	24.4			
				7/03/73	FLOW							5/03/73	16.6	24.4			
				8/02/73	FLOW							6/06/73	16.6	24.4			
				9/04/73	FLOW							7/05/73	16.9	24.1			
04N/28W-15R01 S 42			50.0	10/04/72	94.9	-44.9	5000					8/03/73	16.7	24.3			
				11/03/72	94.8	-44.8						9/05/73	16.7	24.3			
				12/05/72	94.8	-44.8		05N/28W-35J01 S 42			570.0	10/02/72	34.6	535.4	5000		
				1/04/73	94.4	-44.4						11/02/72	33.8	536.2			
				2/06/73	94.0	-44.0						12/04/72	27.3	542.7			
				3/06/73	91.8	-41.8						1/04/73	29.1	540.9			
				4/06/73	89.8	-39.8						2/05/73	23.1	546.4			
				5/03/73	88.5	-38.5						3/05/73	2.0	568.0			
				6/06/73	88.7	-38.7						4/05/73	4.4	565.6			
				7/05/73	89.6	-39.6						5/02/73	11.0	559.0			
				8/03/73	90.6	-40.6						6/05/73	18.4	551.6			
				9/05/73	91.1	-41.1						7/03/73	22.4	547.6			
04N/28W-15H04 S 42			42.1	10/04/72	176.4(1)	-134.3	5000					8/02/73	25.7	544.3			
				11/03/72	172.4(1)	-130.3						9/04/73	27.7	542.3			
				12/05/72	172.4(1)	-130.3		SANTA BARRERA HYDRO SUBAREA							T-15.C2		
				1/05/73	172.4(1)	-130.3		04N/27W-07G07 S 42			250.0	10/02/72	179.0	71.0	5000		
				2/05/73	173.4(1)	-131.3						11/02/72	160.0	90.0			
				3/06/73	78.4	-36.3						12/04/72	189.0(4)	61.0			
				4/13/73	72.4	-30.3						1/05/73	174.0(4)	76.0			
				5/03/73	78.4	-36.3						3/06/73	160.0	90.0			
				6/06/73	168.4	-126.3						7/03/73	157.0	93.0			
				7/05/73	177.4	-135.3						8/02/73	145.0	105.0			
				8/03/73	181.4(1)	-139.3						9/04/73	145.0	105.0			
				9/05/73	180.4(1)	-138.3		04N/27W-08F02 S 42			250.0	10/02/72	120.6	129.4	5000		
04N/28W-16C01 S			30.0	10/04/72	41.0	-11.0	5000					11/02/72	121.0	129.0			
				11/03/72	41.1	-11.1						12/04/72	120.4	129.6			
				12/05/72	40.0	-10.0						1/04/73	121.7	128.3			
				1/05/73	40.2	-10.2						2/06/73	121.4	128.6			
				2/06/73	39.4	-9.4						3/05/73	119.0	131.0			
				3/06/73	38.5	-8.5						4/05/73	122.8	127.2			
				4/06/73	37.6	-7.6						5/08/73	122.5	127.5			
				5/03/73	38.0	-8.0						6/05/73	122.2	127.8			
				6/06/73	39.0	-9.0						7/03/73	121.8	128.2			
				7/05/73	39.6	-9.6						8/02/73	123.5	126.5			
				8/03/73	39.8	-9.8						9/04/73	123.5	126.5			
				9/05/73	40.1	-10.1		04N/27W-13R01 S 42			35.0	4/12/73	30.0	5.0	5000		
04N/28W-16J02 S 42			26.0	10/04/72	63.9	-37.9	5000					04N/27W-21R01 S	68.0	4/12/73	43.3	24.7	5000
				11/03/72	63.5	-37.5											
				12/05/72	62.4	-36.4											
				1/05/73	61.2	-35.2											
				2/06/73	60.1	-34.1											
				3/06/73	58.4	-32.4											
				4/06/73	58.7	-32.7											
				5/08/73	60.5	-34.5											
				6/06/73	59.9	-33.9											
				7/05/73	63.1	-37.1											
				8/03/73													

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT MONTECITO HYDRO SUBAREA							T-15 T-15.C T-15.C3								
04N/26W-16N01 S	42		100.0	4/12/73	40.8	59.2	5000								
04N/26W-17N01 S	42		75.0	4/12/73	71.9	3.1	5000								
CARPINTERIA HYDRO SUBAREA							T-15.C4								
04N/25W-19F04 S	42		106.0	4/27/73	66.9	39.1	5000								
04N/25W-19J05 S	42		55.0	4/13/73	28.9	26.1	5000								
04N/25W-20L04 S	42		111.0	11/06/72	98.1	12.9	5000								
				12/26/72	91.2	19.8									
				1/24/73	89.2	21.8									
				2/23/73	85.6	25.4									
				3/28/73	80.7	30.3									
				4/27/73	81.9	29.1									
				5/25/73	81.7	29.3									
				6/26/73	86.2	24.8									
				7/30/73	91.0	20.0									
				8/29/73	101.9(4)	9.1									
				9/26/73	96.1	14.9									
04N/25W-21R01 S	42		127.0	4/13/73	54.3	72.7	5000								
04N/25W-25L01 S	42		227.0	4/13/73	12.0(2)	215.0	5000								
04N/25W-26A01 S	42		420.0	4/13/73	195.7	224.3	5000								
04N/25W-26C02 S	42		432.0	4/14/73	192.5(4)	239.5	5000								
04N/25W-27Q02 S			127.0	4/13/73	94.6	32.4	5000								
04N/25W-27R02 S			132.0	11/06/72	101.1	30.9	5000								
				12/26/72	92.7	39.3									
				1/24/73	91.0	41.0									
				2/23/73	88.3	43.7									
				3/29/73	85.2	46.8									
				4/27/73	83.8	48.2									
				5/25/73	82.5	49.5									
				7/30/73	82.8	49.2									
				8/29/73	81.9	50.1									
				9/26/73	83.3	48.7									
04N/25W-28J01 S	42		89.0	11/06/72	59.9	29.1	5000								
				12/26/72	52.1	36.9									
				1/24/73	51.2	37.8									
				2/23/73	48.6	40.4									
				3/28/73	44.9	44.1									
				4/27/73	44.0	45.0									
				5/25/73	64.3(1)	24.7									
				6/26/73	48.4	40.6									
				7/30/73	51.0	38.0									
				8/29/73	49.0	40.0									
				9/26/73	49.8	39.2									
04N/25W-28M01 S	42		57.0	4/13/73	10.7	46.3	5000								
04N/25W-29D01 S	42		17.0	11/06/72	3.2	13.8	5000								
				12/26/72	1.6	15.4									
				7/30/73	1.7	15.3									
				8/29/73	7.4	9.6									
				9/26/73	7.5	9.5									
04N/25W-29L01 S			18.0	4/13/73	FLOW		5000								
04N/25W-29R01 S	42		32.0	4/13/73	19.5	12.5	5000								
04N/25W-30D01 S			7.4	4/14/73	FLOW		5000								
04N/25W-35A03 S	42		147.0	4/13/73	21.9	125.1	5000								
04N/26W-23A02 S	42		63.0	4/13/73	43.9	19.1	5000								



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LOS ANGELES DRAINAGE PROVINCE VENTURA RIVER HYDRO UNIT UPPER VENTURA RIVER HYDRO SUBUNIT								VENTURA RIVER HYDRO UNIT UPPER VENTURA RIVER HYDRO SUBUNIT							
U U-02 U-02.8								U-02 U-02.8							
03N/23W-05R01 S 56			291.9	10/04/72 12/05/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	41.6 35.4 16.9 22.7 17.6 22.1 27.1	250.3 256.5 275.0 269.2 274.3 269.8 264.8	5121	04N/23W-18G01 S (CONTINUED)			673.1	6/06/77 7/31/77 9/26/77	27.8 26.6 28.0	645.3 646.5 645.1	5121
03N/23W-06K01 S 56			298.8	10/04/72 12/05/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	17.5 16.7 10.5 7.6 12.5 21.7 29.4	281.3 282.1 288.3 291.2 286.3 277.1 269.4	5121	04N/23W-20A01 S 5A			488.5	10/04/77 12/05/77 2/21/77 4/11/77 6/06/77 7/31/77 9/26/77	27.6 26.0 6.4 7.3 7.4 9.5 14.8	460.9 462.5 482.1 481.2 481.1 479.0 473.7	5121
03N/23W-08R02 S 56			246.2	10/04/72 12/05/72 2/23/73 4/11/73 6/06/73 7/31/73	28.9 16.2 12.3 12.1 12.7 12.5	217.3 230.0 233.9 234.1 233.5 233.7	5121	04N/23W-20J02 S 56			456.1	10/03/77 12/05/77 2/21/77 4/11/77 6/06/77 8/02/77 9/26/77	40.6 29.9 13.6 16.5 16.5 18.1 23.0	415.5 426.2 442.5 439.6 439.6 438.0 433.1	5121
03N/23W-08R07 S 56			239.6	10/04/72 12/05/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	29.5 16.3 14.6 13.4 13.4 13.4 15.9	210.1 223.3 225.0 226.2 226.2 226.2 223.7	5121	04N/23W-22R01 S 56			498.5	10/05/77 12/06/77 2/22/77 4/11/77 6/06/77 8/01/77 9/26/77	15.6 15.5 12.8 14.1 14.0 14.6 14.8	482.9 483.0 485.7 484.4 484.5 483.4 483.7	5121
04N/23W-02K01 S 56			869.5	12/06/72 6/07/73 8/02/73 9/27/73	5.0 0.1 1.6 2.7	864.5 869.4 867.9 866.8	5121	04N/23W-28G01 S 5A			402.2	10/05/77 12/06/77 2/22/77 4/11/77 6/06/77 8/01/77 9/26/77	24.6 14.8 9.3 10.6 7.8 10.8 12.0	377.4 387.4 392.4 391.8 394.4 391.4 390.2	5121
04N/23W-03M01 S 56			759.4	10/04/72 12/06/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	101.8 96.9 87.1 83.7 86.4 88.0 95.2	657.6 662.5 677.3 675.7 673.0 671.4 664.2	5121	04N/23W-29F02 S 5A			394.1	10/04/77 12/05/77 2/21/77 4/11/77 6/06/77 7/31/77 9/26/77	51.7 37.1 8.5 12.5 12.5 15.0 19.8	342.4 357.0 385.4 381.8 381.4 379.1 374.1	5121
04N/23W-04G01 S			726.5	10/04/72 12/06/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	25.6 20.8 20.4 12.5 15.2 17.5 23.4	700.9 705.7 706.1 714.0 711.3 709.0 703.1	5121	04N/23W-29L01 S 5A			372.0	10/04/77 12/05/77 2/21/77 4/11/77 6/06/77 7/31/77 9/26/77	41.4 28.5 5.1 7.1 7.1 8.4 11.2	330.8 343.5 368.4 364.4 364.4 363.6 360.8	5121
04N/23W-09R01 S 56			658.1	10/04/72 12/06/72 2/21/73 4/11/73 6/12/73 8/02/73 9/26/73	57.9 45.2 9.9 18.7 17.9 23.2 34.9	600.2 612.9 648.2 639.4 640.2 634.9 623.2	5121	04N/24W-13J04 S 5A			625.8	10/04/77 12/05/77 2/21/77 4/11/77 6/06/77 7/31/77 9/26/77	12.7 6.4 5.4 5.6 5.9 6.4 6.4	613.1 619.4 620.4 619.9 619.4 614.4 619.4	5121
04N/23W-11D01 S 56			780.9	10/05/72 12/06/72 2/22/73 4/12/73 6/06/73 7/31/73 9/26/73	45.5 44.9 39.6 37.6 39.8 40.3 40.4	735.4 736.0 741.3 743.3 741.1 740.6 740.5	5121	04N/24W-13N01 S 56			640.4	10/04/77 12/05/77 6/06/77 7/31/77 9/26/77	2.0 1.0 -1.3 -0.1 -0.2	636.4 639.4 641.7 640.7 640.6	5121
04N/23W-15A02 S 56			679.9	10/05/72 12/06/72 2/22/73 4/11/73 6/06/73 8/06/73	111.1 109.6 108.3 108.4 110.0 NM-1	568.8 570.3 571.6 571.5 569.9 NM-1	5121	05N/23W-33R03 S 56			814.8	10/05/77 4/11/77 8/06/77	7.6 2.2 NM-1	809.2 814.6 NM-1	5121
04N/23W-15O01 S 56			634.3	10/04/72 2/21/73 4/11/73 6/12/73 8/06/73	134.1 118.9 99.3 NM-1 NM-1	500.2 515.4 535.0 NM-1 NM-1	5121	05N/23W-33G01 S 56			806.4	10/13/77 12/06/77 2/21/77 4/11/77 6/06/77 7/31/77 9/26/77	5.3 3.4 3.3 3.8 4.3 4.5 4.9	801.1 803.0 803.1 802.4 802.1 801.4 801.5	5121
04N/23W-16C04 S 56			557.3	10/04/72 12/05/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	61.0 76.4 18.9 20.2 22.3 25.7 31.5	496.3 480.9 538.4 537.1 535.0 531.6 525.8	5121	OJAI HYDRO SUBUNIT UPPER OJAI HYDRO SUBAREA							
04N/23W-16P01 S 56			619.1	10/04/72 12/05/72 2/21/73 4/11/73 6/06/73 7/31/73 9/26/73	74.3 74.2 74.1 72.9 71.9 72.2 72.1	544.8 544.9 545.0 546.2 547.2 546.9 547.0	5121	04N/22W-09O02 S 56			1278.8	10/03/77 2/22/77 4/12/77 6/07/77 8/01/77 9/27/77	22.5 12.1 11.9 15.2 17.3 18.7	1256.1 1266.7 1268.9 1263.6 1261.5 1260.1	5121
04N/23W-18G01 S			673.1	10/04/72 12/05/72 2/21/73 4/11/73	31.7 30.2 25.2 24.2	641.4 642.9 647.9 648.9	5121	04N/22W-10K02 S 56			1324.9	10/03/77 12/06/77 2/22/77 4/12/77 6/07/77 8/01/77 9/27/77	21.5 20.9 15.0 16.4 25.0 19.7 19.8	1303.4 1304.0 1309.9 1308.5 1299.9 1305.2 1305.1	5121
04N/22W-11P02 S 56				10/03/72							1418.9	10/03/72	20.3	1398.6	5121

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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
VENTURA RIVER HYDRO UNIT OJAI HYDRO SUBUNIT UPPER OJAI HYDRO SUBAREA								VENTURA RIVER HYDRO UNIT OJAI HYDRO SUBUNIT OJAI HYDRO SUBAREA							
U-02 U-02.C U-02.C1								U-02 U-02.C U-02.C2							
04N/22W-11P02 S 56			1418.9	12/06/72	14.8	1404.1	5121	04N/23W-01K02 S 56			786.4	6/07/73	8.0	778.4	5121
(CONTINUED)				2/22/73	4.8	1414.1		(CONTINUED)				8/02/73	9.2	777.2	
				4/12/73	6.4	1412.5						9/27/73	11.0	775.4	
				6/07/73	9.6	1409.3						12/06/72	16.9	725.0	5121
				8/01/73	9.4	1409.5						2/23/73	12.1	729.8	
				9/27/73	11.8	1407.1						8/02/73	NM-7		
04N/22W-17G01 S 56			1246.9	10/03/72	52.9	1194.0	5121	04N/23W-14A01 S 56			619.3	10/05/72	15.2	604.1	5121
				12/06/72	50.1	1196.8						12/06/72	15.9	603.4	
				2/22/73	48.4	1198.5						2/22/73	13.6	605.7	
				4/12/73	39.5	1207.4						4/11/73	14.2	605.1	
				6/07/73	38.6	1208.3						6/06/73	14.3	605.0	
				8/01/73	52.3	1194.6						7/31/73	14.8	604.5	
				9/27/73	76.9	1170.0						9/26/73	14.9	604.4	
OJAI HYDRO SUBAREA								OJAI HYDRO SUBAREA							
U-02.C2								U-02.C2							
04N/22W-03F02 S 56			1211.4	12/06/72	142.8	1068.6	5121	04N/23W-14M03 S 56			540.2	10/05/72	15.1	525.1	5121
				2/22/73	117.8	1093.6						12/06/72	14.6	525.6	
				4/12/73	112.3	1099.1						2/22/73	10.3	529.9	
				6/07/73	126.0	1085.4						4/11/73	11.9	528.3	
				8/01/73	143.5	1067.9						6/06/73	11.9	528.3	
				9/27/73	145.5	1065.9						8/01/73	12.7	527.5	
04N/22W-05N03 S 56			895.5	12/06/72	172.3	723.2	5121	05N/22W-32J01 S 56			1162.6	12/06/72	40.0	1122.6	5121
				2/23/73	101.7	793.8						2/23/73	34.1	1128.5	
				4/12/73	70.7	824.8						4/12/73	36.1	1126.5	
				6/07/73	87.1	808.4						6/07/73	36.9	1125.7	
				8/01/73	107.5	788.0						8/01/73	37.1	1125.6	
				9/27/73	124.4	771.1						9/27/73	37.8	1124.8	
04N/22W-05H04 S 56			949.3	2/23/73	205.3	744.0	5121								
				4/12/73	115.7	833.6									
				6/12/73	134.4	814.9									
				8/06/73	150.8	798.5									
04N/22W-05M01 S 56			842.4	12/06/72	118.3	724.1	5121								
				2/23/73	66.3	776.1									
				4/12/73	25.2	817.2									
				6/07/73	45.7	796.7									
				8/02/73	59.4	783.0									
				9/27/73	76.2	766.2									
04N/22W-06D01 S 56			844.7	12/06/72	104.1	740.6	5121								
				2/23/73	65.8	778.9									
				4/12/73	16.3	828.4									
				6/07/73	25.2	819.5									
				8/02/73	49.1	795.6									
				9/27/73	59.6	785.1									
04N/22W-06K03 S 56			801.1	12/06/72	100.0	701.1	5121								
				2/23/73	27.8	773.3									
				6/07/73	24.3	776.8									
				8/02/73	47.3	753.8									
				9/27/73	58.6	742.5									
04N/22W-06M01 S 56			794.4	12/06/72	74.4	720.0	5121								
				2/23/73	29.6	764.8									
				6/07/73	6.8	787.6									
				8/02/73	23.1	771.3									
				9/27/73	34.5	759.9									
04N/22W-07A01 S 56			796.9	10/05/72	114.8	682.1	5121								
				4/12/73	14.1	782.8									
04N/22W-07R02 S 56			772.6	10/05/72	69.7	702.9	5121								
				12/06/72	52.2	720.4									
				2/22/73	20.7	751.9									
				6/06/73	4.6	768.0									
				8/01/73	20.9	751.7									
				9/27/73	20.2	752.4									
04N/22W-07R05 S 56			786.0	10/05/72	70.4	715.6	5121								
				12/06/72	62.0	724.0									
				2/22/73	40.6	745.4									
				4/12/73	10.1	775.9									
				8/01/73	24.0	762.0									
				9/27/73	27.5	758.5									
04N/22W-07C05 S 56			763.4	10/05/72	66.7	696.7	5121								
				12/06/72	44.5	718.9									
				2/22/73	13.7	749.7									
				8/01/73	17.3	746.1									
				9/27/73	16.5	746.9									
04N/22W-07G01 S 56			769.0	10/05/72	45.2	723.8	5121								
				12/06/72	39.7	729.3									
				2/22/73	22.6	746.4									
				4/12/73	-0.7	769.7									
				6/06/73	7.2	761.8									
				8/01/73	12.0	757.0									
				9/27/73	17.0	752.0									
04N/22W-08R02 S 56			868.7	2/22/73	104.9	763.8	5121								
				4/12/73	46.3	822.4									
				6/07/73	67.0	801.7									
				8/01/73	77.6	791.1									
				9/27/73	88.4	780.3									
04N/23W-01K02 S 56			786.4	12/06/72	24.0	762.4	5121								
				2/23/73	17.9	768.5									
				4/12/73	10.5	775.9									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLFGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1	SANTA CLARA-CALLFGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1
01N/21W-07H01 S 56			39.6	12/11/72 2/26/73 4/03/73 5/31/73 8/15/73	52.3 34.5 35.0 58.7 NM-1	-12.7 5.1 4.6 -19.1	5121	01N/22W-03F01 S 56			55.7	1/09/73 8/01/73	84.6(1) 62.6	-28.9 -6.9	4209
01N/21W-19A01 S 56			21.8	11/27/72 12/27/72 3/28/73 5/31/73 6/26/73 7/31/73 8/30/73 9/26/73	36.4 37.2 21.6 48.9 37.3 44.4 54.3 55.9	-14.6 -15.4 0.2 -27.1 -15.5 -22.6 -32.5 -34.1	5411	01N/22W-04F04 S 56			47.1	10/12/72	89.6(1)	-42.5	4209
01N/21W-20N01 S 56			18.0	12/12/72 2/27/73 4/02/73 30/73 8/09/73 9/25/73	28.1 21.1 17.5 31.1 32.7 38.0	-10.1 -3.1 0.5 -13.1 -14.7 -20.0	5121	01N/22W-05G02 S 56			25.0	10/03/72 12/06/72 4/02/73 5/29/73 7/25/73 9/26/73	39.6 31.3 27.8 27.1 23.9 32.9	-14.6 -6.3 -2.8 -2.1 1.1 -7.9	5121
01N/21W-21N01 S 56			15.2	12/12/72 2/27/73 4/02/73 5/30/73 8/08/73 9/25/73	76.7 44.6 38.6 60.7 63.0 60.3	-61.5 -29.4 -23.4 -45.5 -47.8 -45.1	5121	01N/22W-06J01 S 56			20.0	10/27/72 11/27/72 12/27/72 3/12/73 6/04/73 7/27/73 8/30/73	10.8 6.5 8.7 3.7 4.9 4.8 5.9	9.2 13.5 11.3 16.3 15.1 15.2 14.1	5411
01N/21W-28N01 S 56			12.0	12/12/72 2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	23.7 14.4 11.1 19.6 67.8 23.0	-11.7 -2.4 0.9 -7.6 -55.8 -11.0	5121	01N/22W-08R01 S 56			18.1	10/27/72 5/31/73 7/31/73 8/30/73	27.7 15.2 12.4 17.5	-9.6 2.9 5.7 0.6	5411
01N/21W-29R02 S 56			17.9	12/12/72 2/27/73 4/02/73 8/08/73	39.8 30.1 24.0 NM-4	-21.9 -12.2 -6.1	5121	01N/22W-11N02 S 56			51.0	10/06/72 11/03/72 12/01/72 1/02/73 2/05/73 3/05/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	47.3 45.2 45.4 44.6 45.9 54.1 51.0 50.5 50.1 49.6 49.1 49.5	3.7 5.4 5.6 6.4 5.1 -3.1 0.0 0.5 0.9 1.4 1.9 1.5	5411
01N/21W-30F02 S 56			16.1	4/02/73 5/30/73 8/15/73	25.4 42.2 58.0	-9.3 -26.1 -41.9	5121	01N/22W-13D02 S 56			41.7	12/11/72 2/28/73 4/02/73 5/30/73 8/14/73 9/26/73	41.9 36.9 39.6 50.8 56.5 55.4	-0.2 4.4 2.1 -9.1 -14.8 -13.7	5121
01N/21W-31L01 S 56			8.6	12/14/72 3/01/73 5/30/73 8/11/73 9/06/73	40.0 40.0 44.0 42.0 5.0	-51.4 -31.4 -35.4 -33.4 3.6	5121	01N/22W-13K03 S 56			37.0	12/11/72 2/28/73 4/03/73 8/09/73	54.0 42.4 39.3 56.5	-17.0 -5.4 -2.1 -19.5	5121
01N/21W-32A01 S 56			10.0	3/01/73 5/30/73 8/11/73 9/06/73	42.4 45.5 47.5 53.5	-32.4 -35.5 -37.5 -43.5	5121	01N/22W-14D01 S 56			36.1	11/27/72 12/27/72 3/09/73 6/26/73 7/31/73 9/26/73	39.5 40.9 29.9 26.7 38.2 45.3	-3.4 -4.9 8.2 -0.2 -2.1 -9.2	5411
01N/21W-32A02 S 56			12.8	12/12/72 2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	29.6 17.3 14.4 21.8 21.6 26.6	-16.8 -4.5 -1.6 -9.0 -8.8 -13.8	5121	01N/22W-14K01 S 56			32.0	12/13/72 2/28/73 4/02/73 6/11/73 8/14/73 9/26/73	36.9 29.0 28.5 36.1 40.7 43.0	-4.0 3.9 4.4 -3.2 -7.8 -10.1	5121
01N/21W-32G01 S 56			10.0	12/14/72 3/01/73 5/30/73 8/21/73	22.3 14.9 21.8 22.4	-12.3 -4.9 -11.8 -12.4	5121	01N/22W-14R02 S 56			32.0	11/27/72 12/27/72 3/09/73 5/11/73 6/26/73 7/31/73 8/30/73 9/26/73	40.9 42.7 29.0 41.8 43.6 41.4 46.2 42.6	-8.0 -9.8 3.9 -8.4 -10.7 -8.5 -13.3 -9.7	5411
01N/21W-32K01 S 56			10.1	3/01/73 5/30/73 8/11/73 9/06/73	41.0 45.0 44.0 51.0	-30.9 -34.9 -33.9 -40.9	5121	01N/22W-15C01 S 56			31.9	12/19/72 2/27/73 4/02/73 5/30/73 8/14/73 9/26/73	31.6 25.1 24.9 28.9 31.1 34.8	0.3 6.8 7.0 3.0 0.4 -2.9	5121
01N/21W-32L01 S 56			9.6	12/14/72 3/01/73 5/30/73 8/21/73	10.6 6.8 9.8 10.7	-1.0 2.8 -0.2 -1.1	5121	01N/22W-17M01 S 56			9.0	5/31/73 9/01/73	5.7 8.1	3.3 0.9	5411
01N/21W-32O01 S 56			9.5	12/14/72 3/01/73 5/30/73 8/21/73	44.1 11.5 11.4 39.3	-34.6 -22.0 -1.9 -29.8	5121	01N/22W-18L02 S 56			11.1	4/02/73 5/29/73 7/25/73 9/26/73	0.8 1.4 -1.1 3.5(4)	10.5 9.9 12.4 7.8	5121
01N/22W-01A01 S 56			53.6	12/11/72 2/26/73 4/03/73 5/31/73 8/21/73	50.2 43.2 43.5 46.7 53.0	3.4 10.4 10.1 6.9 0.6	5121	01N/22W-20F01 S 56			10.7	7/31/73	7.9	2.8	5411
01N/22W-01P01 S 56			51.7	12/01/72 3/12/73 4/06/73 7/06/73	53.0 41.2 49.4 49.9	-1.3 10.5 2.3 1.8	5411	01N/22W-20F02 S 56			11.4	10/27/72 7/31/73	NM-1 NM-1		5411
01N/22W-02E01 S 56			58.8	12/11/72 2/26/73 8/14/73 9/25/73	54.6 49.8 52.2 55.5	4.2 9.0 6.6 3.3	5121	01N/22W-20N02 S 56			8.4	7/27/73 8/03/73 9/07/73	3.2 2.9 6.7	5.2 5.5 1.7	5411
01N/22W-03F01 S 56			55.7	10/12/72 11/06/72 12/06/72	94.6(1) 69.7 61.7	-38.9 -14.0 -6.0	4209 5411	01N/22W-21L02 S 56			11.4	10/03/72 12/06/72 4/02/73 5/29/73 8/08/73	20.1 15.2 7.7 10.8 10.6	-8.7 -3.8 3.7 0.6 0.8	5121

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA								
U-03 U-03.A U-03.A1								U-03 U-03.A U-03.A1								
01N/22W-21L02 S			11.4	9/26/73	14.4	-3.0	5121	02N/21W-31P02 S	56		56.5	11/30/72 2/21/73 4/03/73 5/31/73 8/14/73	54.1 44.7 43.7 47.3 50.1(2)	2.4 11.8 12.8 9.2 6.4	5121	
01N/22W-22M05 S	56		16.4	12/13/72 2/27/73 4/02/73 5/30/73 8/14/73 9/26/73	18.1 12.9 12.4 29.2 20.3 21.8	-1.7 3.5 4.0 -12.8 -3.9 -5.4	5121	02N/21W-31P03 S	56		57.3	11/30/72 2/21/73 4/03/73 5/31/73 8/21/73	111.1 86.4 76.9 78.0 85.3	-53.4 -29.1 -19.6 -20.7 -28.0	5121	
01N/22W-23001 S	56		18.8	12/13/72 2/27/73 4/02/73 5/30/73 8/14/73 9/26/73	22.7 16.5 16.8 29.3 29.5 30.7	-3.9 2.3 2.0 -10.5 -10.7 -11.9	5121	02N/22W-08N01 S	56		203.8	10/03/72 12/06/72 3/05/73 4/02/73 5/29/73 7/25/73 9/26/73	173.4 169.0 163.6 164.8 167.2 166.0 169.2	30.4 34.8 40.2 39.0 36.6 37.8 34.6	5121	
01N/22W-25C02 S	56		18.3	12/13/72 2/27/73 4/04/73 5/30/73 8/15/73 9/26/73	27.1 18.5 25.1 30.3 33.3 36.7	-8.8 -0.2 -6.8 -12.0 -15.0 -18.4	5121	02N/22W-08P01 S	56		214.6	10/03/72 12/06/72 4/02/73 5/29/73 7/25/73 9/26/73	192.1 186.4 173.7 176.9 174.7 176.0	22.5 28.2 40.9 37.7 39.9 38.6	5121	
01N/22W-26A01 S	56		19.8	12/13/72	26.7	-6.9	5121	02N/22W-09J01 S	56		238.5	10/03/72 12/06/72 3/05/73 4/02/73 5/29/73 7/25/73 9/26/73	182.5 178.1 183.2 168.4 166.9 166.7 167.1	56.0 60.4 55.3 70.1 71.6 71.8 71.4	5121	
01N/22W-26K01 S	56		13.9	12/13/72 4/02/73 5/30/73 8/14/73	22.6 12.0 29.2 27.2	-8.7 1.9 -15.3 -13.3	5121	02N/22W-10G01 S	56		182.5	11/27/72 12/27/72 3/28/73 6/26/73 7/31/73 9/27/73	204.4 204.4 197.1 190.0 190.3 196.9	-21.9 -21.9 -14.6 -7.7 -7.8 -14.4	5411	
01N/22W-27A02 S	56		15.9	12/13/72	9.9	6.0	5121	02N/22W-12R01 S	56		141.0	10/05/72 1/02/73 4/06/73 6/26/73 8/03/73	78.8 82.6 72.9 49.4 48.3	62.2 58.4 68.1 91.6 92.7	5411	
01N/22W-27R04 S	56		14.0	2/27/73 4/02/73 5/30/73 8/14/73 9/26/73	24.2 19.8 27.0 34.5 40.1	-10.2 -5.8 -13.0 -20.5 -26.1	5121	02N/22W-12F01 S	56		128.0	10/05/72 12/01/72 1/02/73 3/16/73 6/27/73 7/31/73	101.9(2) 102.5(2) 103.3(2) 103.4(2) 103.1(2) 101.1(2)	26.1 25.5 24.7 24.6 24.9 27.9	5411	
01N/22W-36R02 S	56		10.8	12/13/72 2/27/73 4/02/73 5/30/73 8/21/73 9/26/73	47.6 31.0 21.5 38.3 51.3 56.0	-36.8 -20.2 -10.7 -27.5 -40.5 -45.2	5121	02N/22W-12K02 S			135.7	10/27/72 11/29/72	NM-1 NM-1		5411	
01N/22W-36L01 S	56		6.9	2/27/73 4/02/73 5/30/73 8/21/73	11.1 5.5 15.6 NM-1	-4.2 1.4 -8.7	5121	02N/22W-12L03 S	56		129.0	10/30/72 11/29/72	79.5 110.2	49.5 18.8	5411	
02N/21W-06F01 S	56		148.4	10/05/72 6/26/73 9/01/73	26.4 24.2 24.8	122.0 124.2 123.6	5411	02N/22W-12N03 S	56		125.0	10/09/72 12/01/72 2/20/73 4/06/73	107.4 103.8 84.9 65.0	17.6 21.2 40.1 60.0	5411	
02N/21W-06L01 S	56		149.0	10/05/72 1/02/73 8/03/73	84.9 85.2 42.3	64.1 63.8 106.7	5411	02N/22W-12R01 S	56		135.1	10/06/72 11/03/72 12/01/72 1/02/73 2/05/73 3/05/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	102.6 105.4 103.0 103.9 99.3 95.6 72.1 64.1 61.8 64.0 60.9 56.4	32.5 29.7 32.1 31.2 35.8 39.5 63.0 71.0 73.3 71.1 74.2 78.7	5411	
02N/21W-06P01 S	56		150.1	10/05/72 1/02/73 6/27/73 8/03/73	101.2 100.9 52.4 47.7	48.9 49.2 97.7 102.4	5411	02N/22W-14G01 S			113.4	10/05/72	NM-1		5411	
02N/21W-18A01 S	56		118.4	11/30/72 2/21/73 3/30/73 5/29/73 8/07/73 9/24/73	86.6 84.0 79.2 62.7 58.4 56.4	31.8 34.4 39.2 55.7 60.0 62.0	5121	02N/22W-14P02 S	56		108.0	3/23/73 4/10/73 5/04/73 6/07/73 7/05/73 8/23/73 9/07/73	84.0 66.0 58.0 74.0 77.0 80.0 79.0	24.0 42.0 50.0 34.0 31.0 28.0 29.0	5411	
02N/21W-18R01 S	56		108.2	1/02/73 3/28/73 6/26/73 7/31/73	76.7 NM-1 NM-1 NM-1	31.5	5411	02N/22W-16K01 S	56		150.0	4/02/73 6/12/73 8/08/73 9/26/73	130.8 132.6(5) 139.1(4) 140.0	19.2 17.4 10.9 10.0	5121	
02N/21W-19L01 S	56		89.7	11/30/72 2/21/73 3/30/73 5/29/73 9/24/73	68.7 65.2 64.2 59.5 51.6	21.0 24.5 25.5 30.2 38.1	5121	02N/22W-18N01 S	56		80.0	10/25/72 12/06/72 4/02/73 5/29/73 7/25/73 9/26/73	61.5 59.4 56.7 56.2 61.3 60.0	18.5 20.6 23.3 23.8 18.7 20.0	5121	
02N/21W-29L02 S	56		73.3	10/12/72 11/03/72 12/08/72 1/02/73 2/05/73 3/05/73 4/06/73 5/11/73 6/22/73 7/20/73 8/03/73	71.7 71.8 63.6 71.7 71.1 57.2 55.9 51.6 54.3 56.1 57.6	1.6 1.5 9.7 1.6 2.2 16.1 17.4 21.7 19.0 17.2 15.7	5411									
02N/21W-29L03 S	56		77.0	11/27/72 6/27/73 8/30/73	92.7 88.9 92.9	-15.7 -11.9 -15.9	5411									
02N/21W-30P02 S	56		64.2	11/30/72 2/21/73 4/03/73 6/07/73 8/15/73	54.2 51.4 44.6 NM-1 NM-1	10.0 12.8 19.6	5121									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	
SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA								
U-03 U-03.A U-03.A1								U-03 U-03.A U-03.A1								
02N/22W-20M05 S 56			41.0	10/27/72	46.2	-5.2	5411	02N/22W-23K01 S 56			105.0	4/10/73	59.8	45.2	5411	
				11/29/72	40.9	0.1						5/04/73	45.8	59.2		
				12/27/72	42.3	-1.3		02N/22W-23K04 S 56			105.8	3/23/73	94.7	11.1	5411	
				3/09/73	35.1	5.9						4/10/73	82.7	23.1		
				6/04/73	30.3	10.7						5/04/73	88.7	17.1		
				7/31/73	40.4	0.6						6/21/73	91.7	14.1		
				8/30/73	42.2	-1.2						7/05/73	87.7	18.1		
				9/26/73	30.4	10.6						8/23/73	86.7	19.1		
02N/22W-21001 S 56			68.5	10/25/72	63.9	4.6	5121					9/07/73	86.7	19.1		
				12/06/72	58.5	10.0		02N/22W-25N02 S 56			76.2	10/06/72	69.3	6.9	5411	
				5/30/73	45.9	22.6						11/03/72	70.7	5.5		
				7/25/73	48.7	19.8						12/01/72	68.4	7.8		
				9/26/73	51.8	16.7						1/02/73	65.8	10.4		
02N/22W-22M01 S 56			109.4	12/20/72	91.7	17.7	5121					2/15/73	62.7	13.5		
				2/21/73	90.2	19.2						3/05/73	59.9	16.3		
				3/29/73	64.5	44.9						4/06/73	59.8	16.4		
				5/29/73	94.5	24.9						5/04/73	56.0	20.2		
				8/07/73	NM-2							6/22/73	56.4	19.8		
				9/24/73	NM-2							7/06/73	56.8	19.4		
02N/22W-22M03 S 56			80.4	12/20/72	77.7	2.7	5121					8/03/73	56.8	19.4		
				3/01/73	67.0	13.4						9/07/73	59.5	16.7		
				5/29/73	63.0	17.4		02N/22W-28L01 S 56			66.4	10/03/72	63.4	3.0	5121	
				8/07/73	63.5	16.9						12/06/72	58.6	7.8		
				9/24/73	64.0	16.4						4/02/73	54.5	11.9		
02N/22W-22P01 S 56			92.2	10/06/72	83.5	8.7	5411					6/04/73	50.3	16.1		
				11/03/72	85.9	6.3						8/08/73	50.9	15.5		
				12/01/72	83.3	8.9						9/26/73	54.0	12.4		
				2/05/73	78.3	13.9		02N/22W-31A01 S 56			41.7	10/03/72	49.4	-7.7	5121	
				7/06/73	68.5	23.7						4/02/73	37.3	4.4		
				8/03/73	71.4	20.8						6/04/73	36.9	4.8		
				9/07/73	71.6	20.6						7/25/73	33.7	8.0		
02N/22W-23R01 S 56			109.0	10/27/72	99.5	9.5	5411					9/26/73	42.4	-0.7		
				11/10/72	99.5	9.5		02N/22W-31C01 S 56			33.4	10/03/72	44.0	-10.6	5121	
				12/08/72	85.5	23.5						12/06/72	30.9	2.5		
				2/09/73	81.5	27.5		02N/22W-33N01 S 56			49.0	10/06/72	40.1	8.9	5411	
				3/09/73	86.5	22.5						11/03/72	40.5	8.5		
				4/10/73	65.5	43.5						12/01/72	47.5	1.5		
				5/04/73	56.5	52.5						1/02/73	47.1	1.9		
				6/07/73	72.5	36.5						2/05/73	43.1	5.9		
				7/05/73	78.5	30.5						3/05/73	39.4	9.6		
				8/23/73	77.5	31.5						4/28/73	44.7	4.3		
				9/07/73	77.5	31.5						5/11/73	44.6	4.4		
02N/22W-23R02 S 56			108.0	5/25/73	68.0	40.0	5411					6/01/73	39.2	9.8		
				6/07/73	73.0	35.0						7/06/73	36.6	12.4		
				7/05/73	80.0	28.0						8/03/73	41.1	7.9		
				8/23/73	82.0	26.0						9/07/73	46.5	2.5		
				9/07/73	78.0	30.0		02N/22W-35C01 S 56			75.2	12/11/72	68.2	7.0	5121	
02N/22W-23C01 S 56			107.0	12/08/72	85.0	22.0	5411					2/26/73	66.3	8.9		
				2/09/73	81.0	26.0						4/03/73	68.0	7.2		
				3/09/73	85.0	22.0						5/31/73	57.0	18.2		
				4/10/73	64.0	43.0						8/21/73	59.1	16.1		
				5/04/73	56.0	51.0		02N/23W-13K02 S 56			64.1	10/25/72	41.3	22.8	5121	
				6/07/73	72.0	35.0						12/06/72	37.7	26.4		
				7/05/73	79.0	28.0						5/29/73	35.4	28.7		
				8/23/73	82.0	25.0						7/25/73	40.9	23.2		
				9/07/73	79.0	28.0						9/26/73	39.4	24.7		
02N/22W-23C02 S 56			107.0	11/24/72	90.0	17.0	5411	02N/23W-14K01 S 56			32.1	11/27/72	22.6	9.5	5411	
				12/08/72	88.0	19.0						3/09/73	19.8	12.3		
				2/09/73	84.0	23.0						6/04/73	22.2	9.4		
				3/09/73	86.0	21.0						9/06/73	21.5	10.6		
				4/10/73	66.0	41.0		02N/23W-25G02 S 56			27.0	10/03/72	31.7	-4.7	5121	
				5/04/73	59.0	48.0						12/06/72	20.1	6.9		
				6/07/73	76.0	31.0						4/02/73	15.8	11.2		
				7/05/73	82.0	25.0						5/29/73	23.7	3.3		
				8/23/73	82.0	25.0						7/25/73	24.6	2.4		
				9/07/73	82.0	25.0						9/26/73	27.6	-0.6		
02N/22W-23C03 S 56			107.0	10/12/72	111.1	-4.1	5411	02N/23W-35H01 S 56			10.6	12/27/72	9.4	1.2	5411	
				11/10/72	111.1	-4.1						8/30/73	9.1	1.5		
				12/08/72	106.1	0.9		01S/21W-08L01 S			10.0	12/14/72	51.0	-41.0	5121	
				2/09/73	99.1	7.9						3/01/73	36.8	-28.8		
				3/09/73	94.1	12.9						5/30/73	40.7	-30.7		
				4/10/73	96.1	10.9						8/29/73	40.4	-30.4		
				5/04/73	85.1	21.9		01S/21W-08L02 S 56			10.0	12/14/72	16.9	-6.9	5121	
				6/26/73	84.1	22.9						3/01/73	13.6	-3.6		
				7/05/73	85.1	21.9						5/30/73	14.1	-4.1		
				8/23/73	85.1	21.9						8/29/73	15.1	-5.1		
				9/07/73	86.1	20.9		PLEASANT VALLEY HYDRO SUBAREA								
02N/22W-23G01 S 56			106.5	4/10/73	44.0	62.5	5411	U-03.A2								
				5/04/73	41.0	65.5		01N/20W-06A01 S 19			119.6	2/16/73	52.0	67.6	5121	
02N/22W-23G02 S 56			106.5	10/12/72	96.5	10.5	5411					3/30/73	53.0	66.6		
				11/10/72	98.5	8.5						5/29/73	32.6	87.0		
				12/08/72	85.5	21.5						8/07/73	52.2	67.4		
				2/09/73	79.5	27.5						9/24/73	51.8	67.8		
				3/09/73	84.5	22.5		01N/20W-06C01 S 19			124.5	12/18/72	111.6	12.9	5121	
				4/10/73	61.5	45.5						2/16/73	109.3	15.2		
				5/04/73	55.5	51.5						3/30/73	101.9	22.6		
				6/07/73	72.5	34.5										
				7/05/73	77.5	29.5										
				8/23/73	75.5	31.5										
				9/07/73	77.5	29.5										

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLIGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT PLEASANT VALLEY HYDRO SUBAREA							U-03 U-03.A U-03.A2	SANTA CLARA-CALLIGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT PLEASANT VALLEY HYDRO SUBAREA							U-03 U-03.A U-03.A2
01N/20W-06C01 S (CONTINUED)			124.5	5/29/73 8/07/73 9/24/73	148.5 138.6(2) 104.8	-24.0 -14.1 19.7	5121	02N/21W-34J01 S (CONTINUED)			82.0	11/27/72 12/27/72 2/20/73 3/09/73 6/26/73 7/31/73 8/30/73	147.0 147.0 130.4 126.9 137.2 133.3 140.6	-65.0 -65.0 -48.4 -44.9 -55.2 -51.3 -58.6	5411
01N/21W-02J02 S 56			90.0	12/19/72 2/20/73 3/30/73 5/29/73 8/07/73	130.3 147.7 112.2 140.9 143.4	-40.3 -57.7 -22.2 -50.9 -53.4	5121	02N/21W-35D02 S 56			118.3	2/20/73 3/30/73 5/29/73 8/15/73 9/24/73	191.4 214.7 223.8 197.9 200.6	-73.1 -96.4 -105.5 -79.6 -82.3	5121
01N/21W-02P01 S 56			66.6	12/19/72 2/20/73 4/03/73 5/31/73 8/07/73	120.8 104.1 97.9 112.0 111.3	-54.2 -37.5 -31.3 -45.4 -44.7	5121	02N/21W-36N01 S 56			110.1	12/18/72 2/20/73 3/30/73 5/29/73 8/07/73	153.2 135.8 139.5 149.6 147.1	-43.1 -25.7 -29.4 -39.5 -37.0	5121
01N/21W-03L01 S 56			58.5	12/19/72 2/20/73 5/31/73 8/07/73	114.3 105.7 109.8 103.0	-55.8 -47.2 -51.3 -44.5	5121	SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03.A U-03.B1
01N/21W-10F01 S			38.2	12/19/72 2/20/73 4/04/73 6/07/73 8/08/73 9/25/73	3.3(3) 63.0 63.6 66.4 64.9 66.1	34.9 -24.8 -25.4 -28.2 -26.7 -27.9	5121	02N/22W-02C01 S 56			177.4	10/04/72 12/11/72 4/03/73 6/12/73 7/25/73 9/25/73	39.5 29.5 20.3 28.6 32.3 34.9	137.4 147.9 157.1 148.8 145.1 142.5	5121
01N/21W-12F03 S 56			75.0	12/14/72 2/20/73 3/30/73 5/31/73 8/07/73	56.3 54.8 54.2 56.1 55.5	18.7 20.2 20.8 18.9 19.5	5121	02N/22W-03K01 S 56			247.0	12/11/72	114.0	133.0	5121
01N/21W-14A01 S			53.0	5/31/73	NM-1		5121	02N/22W-03K02 S 56			248.1	10/04/72 4/03/73 5/29/73 8/08/73 9/26/73	120.9 103.3 102.8 108.7 111.0	127.2 144.8 145.3 139.4 137.1	5121
01N/21W-15Q02 S 56			23.7	10/27/72 11/27/72 12/27/72 3/09/73 5/31/73 6/26/73 7/31/73 8/30/73 9/26/73	111.5 86.0 86.6 60.2 76.0 73.7 75.8 79.8 84.9	-87.8 -62.3 -62.9 -36.5 -52.3 -50.0 -52.1 -56.1 -61.2	5411	02N/22W-03M02 S 56			291.9	10/04/72 12/11/72 4/03/73 6/04/73 7/25/73 9/25/73	202.4 192.1 178.6 180.0 183.3 179.4	89.5 99.8 113.3 111.9 108.6 112.5	5121
01N/21W-16A02 S 56			27.8	12/19/72	28.2	-0.4	5121	02N/22W-03R02 S 56			214.7	10/04/72 4/03/73 6/04/73 8/08/73 9/26/73	96.1 89.1 90.2 92.4 94.0	118.1 125.1 124.0 121.8 120.2	5121
01N/21W-22M01 S 56			23.3	12/12/72 2/20/73 3/30/73 5/30/73 8/08/73 9/25/73	26.1 19.8 16.6 22.1 20.9 24.3	-2.8 3.5 6.7 1.2 2.4 -1.0	5121	02N/22W-10C02 S 56			238.6	10/04/72 12/11/72 4/09/73 6/04/73 7/25/73 9/26/73	127.9 128.5 123.9 124.8 126.4 128.2	110.7 110.1 114.7 113.8 112.2 110.4	5121
01N/21W-27F01 S 56			13.7	2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	50.6 43.3 62.2 55.5 60.3	-36.9 -29.6 -48.5 -41.8 -46.6	5121	02N/22W-11A01 S 56			129.5	10/04/72 12/11/72 4/02/73 5/29/73 7/25/73 9/25/73	91.1 83.1 46.1 55.3 60.0 59.7	38.4 46.4 83.4 74.2 69.5 69.8	5121
02N/20W-28G02 S 56			170.0	12/18/72 3/30/73 5/29/73 8/07/73 9/24/73	129.7 120.7 119.2 118.5 117.1	40.3 49.3 50.8 51.5 52.9	5121	02N/22W-12A01 S 56			148.9	10/06/72 11/02/72 12/01/72 1/02/73 2/05/73 3/05/73 4/06/73 5/04/73 6/01/73 7/06/73 8/10/73 9/07/73	101.1 102.7 97.8 94.1 90.2 91.5 26.2 41.2 39.0 47.7 38.8 35.1	47.8 46.2 51.1 54.8 58.7 57.4 122.7 107.7 109.9 101.2 110.1 113.8	5411
02N/20W-30C01 S 56			189.1	12/18/72 2/16/73 3/30/73 5/29/73 8/08/73 9/24/73	298.3 297.4 329.3 357.4 292.6 295.0	-109.2 -108.3 -140.2 -168.3 -103.5 -105.9	5121	03N/21W-02001 S 56			347.6	10/04/72 12/11/72 4/03/73 5/29/73 7/26/73 9/25/73	115.8 103.7 89.7 99.7 110.0 109.7	231.8 243.9 257.9 247.9 237.6 237.9	5121
02N/20W-30H01 S 56			189.3	2/16/73 3/30/73 6/11/73 8/08/73 9/24/73	348.7 375.6 269.4 271.8 279.4	-159.4 -186.3 -80.1 -82.5 -90.1	5121	03N/21W-09K02 S 56			361.6	10/04/72 12/11/72 4/03/73 5/29/73 7/26/73 9/25/73	166.4 158.2 145.5 157.3 157.3 162.5	195.2 203.4 216.1 204.3 199.1	5121
02N/20W-31R01 S			155.3	3/30/73 5/29/73 8/08/73 9/24/73	168.3 167.8 167.6 167.9	-13.0 -12.5 -12.3 -12.6	5121	03N/21W-09R03 S 56			295.0	11/03/72 12/01/72 1/04/73 2/01/73 3/06/73 4/02/73 5/03/73 6/09/73 7/07/73 8/08/73 9/17/73	98.1 95.8 90.9 86.5 88.5 82.3 87.5 92.4 101.4 95.4 100.4	196.9 199.2 204.1 208.5 206.5 212.7 207.5 202.6 193.6 199.6 194.6	2225
02N/21W-23R02 S 56			172.0	2/16/73 3/30/73 8/07/73 9/24/73	101.8 109.4 110.6 114.4	70.2 62.6 61.4 57.6	5121								
02N/21W-27G01 S 56			129.1	12/14/72 2/16/73 3/30/73 5/29/73 8/07/73 9/24/73	206.6 101.9 203.2 205.6 202.8 203.7	-77.5 -27.2 -74.1 -76.5 -73.7 -74.6	5121								
02N/21W-34D03 S 56			89.2	12/14/72 2/20/73 5/29/73 8/07/73	187.3 152.4 176.2 160.4	-98.1 -63.2 -87.0 -71.2	5121								
02N/21W-34J01 S 56			82.0	10/29/72	172.9	-90.9	5411								

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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03 U-03.B U-03.B1	SANTA CLARA-CALLEGUAS HYDRO UNIT SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03 U-03.B U-03.B1
03N/21W-09R04 S 56			292.0	11/03/72	99.2	192.8	2225	03N/21W-15C04 S 56			242.2	11/05/72	46.1	196.1	2225
				12/01/72	89.4	202.6						12/01/72	81.2(1)	161.0	
				1/04/73	87.6	204.4						1/04/73	82.9(1)	159.1	
				2/01/73	83.3	208.7						2/01/73	36.6	205.6	
				3/06/73	79.4	212.6						3/05/73	69.2(1)	173.0	
				4/02/73	78.9	213.1						4/02/73	28.2	214.0	
				5/03/73	84.2	207.8						5/03/73	72.7(1)	169.5	
				6/09/73	89.2	202.8						6/09/73	83.8(1)	158.4	
				7/07/73	104.4(1)	187.6						7/07/73	87.7(1)	154.5	
				8/08/73	92.1	199.9						8/08/73	92.3(1)	149.9	
				9/17/73	105.4(1)	186.6						9/13/73	89.7(1)	152.5	
03N/21W-10A01 S 56			359.2	12/02/72	158.5	200.7	2225	03N/21W-15C04 S 56			241.4	11/05/72	58.4(1)	183.0	2225
				1/10/73	156.2	203.0						12/01/72	34.8	206.6	
				2/02/73	137.7	221.5						1/04/73	46.0(1)	195.4	
				3/05/73	139.0	220.2						2/01/73	28.3	213.1	
				4/03/73	167.1(1)	192.1						3/05/73	26.8	214.6	
				5/08/73	137.2	222.0						4/02/73	23.8	217.6	
				6/10/73	176.0(1)	183.2						5/03/73	28.3	213.1	
				7/07/73	187.0(1)	172.2						6/09/73	34.7	206.7	
				8/08/73	182.9(1)	176.3						7/07/73	42.8	198.6	
				9/17/73	148.0	211.2						8/08/73	36.8	204.6	
												9/19/73	50.8(1)	190.6	
03N/21W-11D02 S 56			329.9	11/05/72	113.8	216.1	2225	03N/21W-16G01 S 56			244.1	11/03/72	57.2	186.9	2225
				12/01/72	106.0	223.9						12/01/72	47.9	196.2	
				1/10/73	137.9(1)	192.0						1/04/73	46.8	197.3	
				2/02/73	99.6	230.3						2/01/73	41.4	202.7	
				3/05/73	128.0(1)	201.9						3/06/73	42.2	201.9	
				4/03/73	92.6	237.3						4/02/73	37.1	207.0	
				5/03/73	146.9(1)	183.0						5/03/73	46.7	197.4	
				6/10/73	155.1(1)	174.8						6/09/73	48.1	196.0	
				7/07/73	161.7(1)	168.2						7/07/73	59.2(1)	184.9	
				8/08/73	162.8(1)	167.1						8/08/73	56.5(1)	187.8	
				9/21/73	161.2(1)	168.7						9/17/73	52.1	192.0	
03N/21W-11F03 S 56			315.0	11/05/72	110.6(1)	204.4	2225	03N/21W-16K01 S 56			232.0	11/03/72	67.0(1)	165.0	2225
				12/01/72	85.6	229.4						12/01/72	35.9	196.1	
				1/10/73	85.6	229.4						1/04/73	33.9	198.1	
				2/01/73	77.9	237.1						2/01/73	24.2	207.8	
				3/05/73	69.8	245.2						3/05/73	26.8	205.2	
				4/03/73	69.8	245.2						4/02/73	26.1	205.9	
				5/03/73	82.0	233.0						5/03/73	57.4(1)	174.6	
				6/10/73	81.9	233.1						6/09/73	33.9	198.1	
				7/07/73	84.9	230.1						7/07/73	67.0(1)	165.0	
				8/08/73	88.7	226.3						8/08/73	62.6(1)	169.4	
				9/17/73	84.8	230.2						9/17/73	64.0(1)	168.0	
03N/21W-11P01 S 56			251.0	11/28/72	26.0	225.0	5411	03N/21W-16K02 S 56			228.0	11/03/72	45.0	183.0	2225
				2/06/73	19.9	231.1						12/01/72	31.2	196.8	
				6/27/73	22.3	228.7						1/04/73	29.7	198.1	
				7/30/73	23.5	227.5						2/01/73	25.8	202.2	
				8/29/73	23.9	227.1						3/05/73	24.3	203.7	
				9/27/73	23.9	227.1						4/02/73	23.3	204.7	
03N/21W-12F01 S 56			278.0	11/05/72	26.8	251.2	2225					5/03/73	29.0	199.0	
				12/02/72	18.2	259.8						6/09/73	29.5	198.5	
				1/10/73	16.4	261.6						7/07/73	17.8	190.2	
				2/01/73	15.0	263.0						8/08/73	35.3	192.7	
				3/05/73	13.9	264.1						9/17/73	37.5	190.5	
				4/02/73	13.6	264.4									
				5/03/73	51.3(1)	226.7		03N/21W-16K03 S 56			228.7	11/03/72	39.5	189.2	2225
				6/10/73	59.6(1)	218.4						12/01/72	32.0	196.7	
				7/07/73	55.8(1)	222.2						1/04/73	30.0	198.7	
				8/08/73	66.3(1)	211.7						2/01/73	26.1	202.6	
				9/16/73	62.7(1)	215.3						3/05/73	25.1	203.6	
03N/21W-12F04 S 56			276.0	11/06/72	28.7	247.3	2225					4/02/73	22.0	206.7	
				12/02/72	14.0	262.0						5/03/73	27.5	201.2	
				1/10/73	7.4	268.6						6/09/73	29.9	198.8	
				2/01/73	11.1	264.9						7/07/73	103.0(1)	125.7	
				3/05/73	9.4	266.6						8/08/73	35.0	193.7	
				4/02/73	9.5	266.5						9/17/73	35.2	193.5	
				5/03/73	18.2	257.8		03N/21W-17D01 S 56			284.0	10/25/72	100.8	183.2	5121
				6/10/73	23.6	252.4						12/11/72	95.6	188.4	
				7/07/73	72.4(1)	203.6						4/03/73	82.0	202.0	
				8/08/73	82.4(1)	193.6						5/29/73	88.6	195.4	
				9/16/73	22.5	253.5						7/25/73	97.0	187.0	
03N/21W-12F03 S 56			277.0	11/05/72	21.7	255.3	2225					9/25/73	95.1	188.9	
				12/02/72	13.7	263.3		03N/21W-19H06 S 56			248.0	11/03/72	187.1(1)	60.9	2225
				1/10/73	11.9	265.1						12/01/72	76.8	171.2	
				2/01/73	10.7	266.3						1/04/73	161.0(1)	87.0	
				3/05/73	10.7	266.3						2/01/73	64.9	183.1	
				4/02/73	8.9	268.1						3/06/73	70.0	178.0	
				5/03/73	15.9	261.1						4/03/73	61.8	186.2	
				6/10/73	69.7(1)	207.3						5/03/73	146.2(1)	101.8	
				7/07/73	23.7	253.3						6/09/73	71.2	176.8	
				8/08/73	66.2(1)	210.8						7/07/73	159.2(1)	88.8	
				9/16/73	19.7	257.3						8/08/73	168.8(1)	79.2	
03N/21W-15C02 S 56			242.0	11/05/72	43.1	198.9	2225					9/17/73	169.9(1)	78.1	
				12/01/72	35.9	206.1		03N/21W-19R01 S 56			235.9	10/04/72	64.8	171.1	5121
				1/04/73	45.6(1)	196.4						12/11/72	55.2	180.7	
				2/01/73	29.0	213.0						4/03/73	46.8	189.1	
				3/05/73	26.4	215.6						5/29/73	52.1	183.4	
				4/02/73	24.5	217.5						8/08/73	57.8	178.1	
				5/03/73	22.9	219.1						9/25/73	58.2	177.7	
				6/09/73	44.8(1)	197.2		03N/21W-21R01 S 56			220.8	11/28/72	26.0	194.8	5411
				7/07/73	49.2	192.8						12/27/72	22.9	197.9	
				8/08/73	37.6	204.4						3/09/73	20.8	200.0	
				9/19/73	41.6	200.4									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03 U-03.B U-03.B1	SANTA CLARA-CALLEGUAS HYDRO UNIT SESPE HYDRO SUBUNIT FILLMORE HYDRO SUBAREA							U-03 U-03.C U-03.C1
03N/21W-21R01 S 56			220.8	6/26/73	25.3	195.5	5411	03N/20W-06P01 S 56			300.0	12/11/72	2.8	297.2	5121
(CONTINUED)				7/27/73	27.1	193.7		(CONTINUED)				4/03/73	1.0	299.0	
				8/29/73	28.0	192.8						5/30/73	6.1	293.9	
				9/26/73	NM-1							7/26/73	8.4	291.6	
												9/25/73	8.0	292.0	
03N/21W-21F01 S 56			210.9	10/27/72	31.2	179.7	5411	03N/20W-08A01 S 56			319.6	11/28/72	12.1	307.5	5411
				11/28/72	25.4	185.5						3/27/73	8.5	311.1	
				12/27/72	23.6	187.3						5/30/73	11.2	308.4	
				3/09/73	16.8	194.1						7/30/73	11.8	307.8	
				5/31/73	20.9	190.0						8/29/73	11.3	308.3	
				9/26/73	25.3	185.6						9/27/73	11.4	308.2	
03N/21W-29R01 S 56			192.0	11/28/72	18.4	173.6	5411	03N/20W-09F01 S 56			335.0	10/09/72	22.9	312.1	5121
				12/27/72	16.5	175.5						12/12/72	20.9	314.1	
				3/09/73	9.8	182.2						4/06/73	18.1	316.9	
				6/26/73	13.5	178.5						5/30/73	19.9	315.1	
				7/27/73	15.8	176.2						7/26/73	21.1	313.9	
				8/30/73	NM-1							9/25/73	18.7	316.3	
				9/26/73	NM-1										
03N/21W-30F01 S 56			220.7	10/04/72	63.2	157.5	5121	03N/20W-11C01 S 56			397.4	10/25/72	43.8	353.6	5121
				12/11/72	55.2	165.5						12/12/72	43.2	354.2	
				4/03/73	46.0	174.7						4/06/73	37.9	359.5	
				5/29/73	50.0	170.7						5/30/73	39.1	358.3	
				8/08/73	56.3	164.4						7/26/73	40.5	356.9	
03N/21W-31R01 S 56			174.7	10/27/72	22.2	152.5	5411					9/25/73	41.0	356.4	
				11/29/72	16.9	157.8		03N/21W-01F01 S 56			387.1	10/04/72	107.7	279.4	5121
				12/27/72	14.7	160.0						12/11/72	106.0	281.1	
				3/09/73	11.7	163.0						4/03/73	101.8	285.3	
				6/26/73	13.3	161.4						5/30/73	102.8	284.3	
				7/27/73	16.0	158.7						7/26/73	104.8	282.3	
				8/30/73	16.5	158.2						9/25/73	109.0	278.1	
				9/26/73	16.5	158.2		03N/21W-01N01 S 56			320.3	10/04/72	80.4	239.9	5121
03N/22W-34R01 S 56			266.2	10/25/72	126.2	140.0	5121					12/11/72	58.7	261.6	
				12/11/72	115.4	150.8						4/03/73	52.4	267.9	
				4/03/73	105.1	161.1						5/29/73	60.4	259.9	
				6/04/73	112.4	153.8						7/26/73	81.9(2)	238.4	
				7/25/73	117.6	148.6						9/25/73	78.8(2)	241.5	
03N/22W-36K02 S 56			180.6	10/04/72	32.2	148.4	5121	03N/21W-12R01 S 56			279.0	10/05/72	10.5	268.5	5411
				12/11/72	23.5	157.1						11/03/72	10.3	268.7	
				4/03/73	14.6	166.0						12/01/72	9.0	270.0	
				5/29/73	18.6	162.0						1/09/73	7.8	271.2	
				7/25/73	33.5(2)	147.1						2/09/73	6.0	273.0	
				9/25/73	31.2	149.4						3/12/73	5.3	273.7	
SISAR HYDRO SUBAREA							U-03.B2					4/02/73	5.4	273.6	
04N/22W-12F01 S 56			1616.0	10/03/72	158.8	1457.2	5121					5/04/73	6.0	273.0	
				12/06/72	147.6	1468.4						6/01/73	7.1	271.9	
				2/22/73	129.6	1486.4						7/06/73	8.4	270.6	
				4/12/73	109.4	1506.6						8/03/73	9.2	269.8	
				6/07/73	112.1	1503.9						9/07/73	10.1	268.9	
				8/01/73	118.2	1497.8		04N/19W-30N01 S 56			437.6	10/09/72	46.6	391.0	5121
				9/27/73	122.4	1493.6						12/11/72	39.3	398.3	
SESPE HYDRO SUBUNIT FILLMORE HYDRO SUBAREA							U-03.C U-03.C1					4/06/73	27.2	410.4	
03N/19W-06D02 S 56			433.3	10/09/72	52.8	380.5	5121					5/30/73	32.0	405.6	
				12/12/72	50.5	382.8						7/31/73	33.6	404.0	
				4/06/73	42.8	390.5						9/25/73	36.7	400.9	
				6/04/73	45.5	387.8		04N/19W-30R01 S 56			441.9	10/09/72	35.1	406.8	5121
				7/26/73	44.9	388.4						12/11/72	29.4	412.5	
				9/25/73	41.9	391.4						6/04/73	25.6	416.3	
03N/20W-01C04 S 56			404.2	10/09/72	34.4	369.8	5121					7/31/73	23.2	418.7	
				12/12/72	32.4	371.8						9/25/73	23.2	418.7	
				4/06/73	24.7	379.5		04N/19W-31F01 S 56			417.8	10/30/72	22.2	395.6	5411
				5/30/73	27.5	376.7						11/28/72	20.0	397.8	
				8/08/73	26.9	377.3						12/29/72	21.6	396.2	
				9/25/73	28.0	376.2						3/01/73	11.0	406.8	
03N/20W-02A01 S 56			375.6	10/30/72	23.7	351.9	5411					5/30/73	14.7	403.1	
				11/28/72	22.3	353.3						6/25/73	14.6	403.2	
				3/01/73	14.9	360.7						7/30/73	10.1	407.7	
				5/30/73	17.4	358.2						9/01/73	8.6	409.2	
				6/25/73	17.8	357.8		04N/19W-31R01 S 56			448.0	10/25/72	52.1	395.9	5121
				7/30/73	16.6	359.0						12/12/72	49.4	398.6	
				8/29/73	15.9	359.7						5/30/73	44.5	403.5	
				9/27/73	14.4	361.2						9/25/73	38.4	409.6	
03N/20W-03D01 S 56			345.5	10/09/72	5.2	340.3	5121	04N/19W-32R01 S 56			459.6	4/06/73	4.5	455.1	5121
				12/11/72	-0.6	346.1						10/25/72	15.0	432.3	5121
				4/03/73	NM-6							12/12/72	14.0	433.3	
03N/20W-03N01 S 56			341.8	11/28/72	13.4	328.4	5411					4/06/73	11.6	435.7	
				3/28/73	9.5	332.3						5/30/73	12.8	434.5	
				6/25/73	12.4	329.4						7/26/73	17.3(2)	430.0	
				7/30/73	10.1	331.7		04N/19W-32R01 S 56			470.0	10/09/72	8.3	461.7	5121
				8/29/73	NM-1							12/12/72	7.0	463.0	
				9/27/73	NM-1							5/30/73	8.0	462.0	
03N/20W-05D01 S 56			437.8	10/04/72	160.2(2)	277.6	5121					7/26/73	7.0	463.0	
				12/11/72	135.5	302.3						9/25/73	6.4	463.6	
				4/03/73	124.3	313.5		04N/19W-33D03 S 56			474.3	12/11/72	2.7(2)	471.6	5121
				5/30/73	142.4(2)	295.4						5/30/73	6.6(2)	467.7	
				7/26/73	152.8(2)	285.0						7/24/73	3.0(2)	471.3	
				9/25/73	147.9	289.9						9/25/73	1.9(2)	472.4	
03N/20W-06P01 S 56			300.0	10/04/72	9.2	290.8	5121	04N/19W-33D04 S 56			474.3	10/09/72	6.8	467.5	5121
												4/06/73	2.7(2)	471.6	

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLFUGAS HYDRO UNIT SESPE HYDRO SUBUNIT FILLMORE HYDRO SUBAREA								SANTA CLARA-CALLFUGAS HYDRO UNIT PIRU HYDRO SUBUNIT PIRU HYDRO SUBAREA							
04N/19W-33D04 S			474.3	5/30/73	NM-1		5121	04N/19W-30K01 S	56		626.1	7/30/73	65.7	560.4	5411
(CONTINUED)				7/24/73	NM-1			(CONTINUED)				8/29/73	67.4	558.7	
				9/25/73	NM-1							9/27/73	67.1	559.0	
04N/20W-26A02 S	56		430.7	10/09/72	47.2	383.5	5121	04N/19W-31C01 S	56		607.0	10/30/72	69.1	537.9	5411
				12/11/72	42.2(5)	388.5						11/28/72	64.0	543.0	
				4/06/73	41.2	389.5						12/29/72	76.8	530.2	
				6/04/73	30.2(5)	400.5						3/01/73	69.4	537.6	
				7/26/73	42.2(4)	388.5						5/30/73	54.8	552.2	
				9/25/73	40.2(5)	390.5						6/25/73	54.8	552.2	
04N/20W-26D01 S	56		538.6	10/25/72	164.0	374.6	5121					7/30/73	40.9	566.1	
				12/12/72	155.0	383.6		04N/19W-25C02 S	56		610.4	12/12/72	91.3	519.1	5121
				4/03/73	142.3	396.3						4/06/73	82.9	527.5	
				6/04/73	NM-1							7/24/73	80.3	530.1	
				8/08/73	NM-1										
04N/20W-26L01 S	56		428.0	10/26/72	50.2	377.8	5411	04N/19W-25K02 S	56		593.7	10/09/72	64.6	529.1	5121
				11/28/72	46.2	381.8						12/12/72	7.4	586.3	
				12/29/72	44.0	384.0						4/06/73	56.7	537.0	
				3/01/73	35.6	392.4						5/30/73	52.7	541.0	
				5/30/73	39.4	388.6						7/24/73	45.3	548.4	
				6/25/73	40.3	387.7						9/25/73	44.1	549.6	
				7/26/73	43.1	384.9		04N/19W-25L04 S	56		581.7	12/29/72	60.7	521.0	5411
				8/29/73	45.1	382.9						3/01/73	52.5	529.2	
				9/27/73	45.2	382.8						5/30/73	NM-1		
04N/20W-27N01 S	56		527.3	10/09/72	149.9	377.4	5121	04N/19W-26P01 S	56		565.0	12/11/72	50.2	514.8	5121
				12/12/72	143.1	384.2						4/06/73	41.1	523.9	
				4/03/73	131.1	396.2						7/24/73	31.5	533.5	
				5/30/73	155.4	371.9		04N/19W-34D02 S	56		501.7	10/26/72	11.7	490.0	5411
				7/26/73	141.6	385.7						11/28/72	12.3	489.4	
				9/25/73	144.8	382.5						12/29/72	13.5	488.2	
04N/20W-33C03 S			526.0	6/04/73	NM-1		5121					3/01/73	8.3	493.4	
				8/08/73	NM-1							5/30/73	11.2	490.5	
04N/20W-36D04 S	56		401.0	10/09/72	20.9	380.1	5121					6/25/73	11.2	490.5	
				12/11/72	17.7	383.3						7/26/73	4.0	497.7	
				4/01/73	11.0	390.0						8/29/73	3.0	498.7	
				5/30/73	12.6	388.4						9/27/73	3.5	498.2	
				8/08/73	13.9	387.1		04N/19W-34K01 S	56		522.8	10/09/72	21.1	501.7	5121
				9/25/73	14.6	386.4						12/12/72	19.8	503.0	
PIRU HYDRO SUBUNIT PIRU HYDRO SUBAREA								U-03.0 U-03.01							
04N/18W-19P02 S	56		663.9	11/28/72	119.2	544.7	5411					4/06/73	18.6	504.2	
				12/29/72	118.2	545.7						5/30/73	21.7	501.1	
				3/27/73	117.0	546.9						7/24/73	20.7	502.1	
				7/30/73	109.7(2)	554.2						9/25/73	9.7	513.1	
				8/29/73	109.8(2)	554.1		04N/19W-34H02 S	56		501.2	11/28/72	12.6	488.6	5411
				9/27/73	106.2(2)	557.7						3/01/73	3.2	498.0	
04N/18W-19R01 S	56		654.9	10/09/72	114.0	540.9	5121					5/30/73	11.4	489.8	
				12/05/72	119.3	535.6						6/25/73	11.4	489.8	
				4/06/73	101.3	553.6						7/30/73	6.6	494.6	
				6/04/73	90.7	564.2						8/29/73	5.6	495.6	
				7/24/73	95.4	559.5						9/27/73	5.7	495.5	
				9/25/73	93.1	561.8		04N/19W-35L02 S	56		540.1	12/29/72	32.0	508.1	5411
04N/18W-20R01 S	56		659.7	10/09/72	112.3	547.4	5121					3/27/73	24.2	515.9	
				12/05/72	112.8	546.9						5/30/73	24.8	515.3	
				4/06/73	84.6	575.1						6/25/73	NM-1		
				5/30/73	73.4	586.3						7/30/73	NM-1		
				7/24/73	84.2	575.5						8/29/73	NM-1		
				9/25/73	87.3	572.4						9/27/73	NM-1		
04N/18W-27R02 S	56		713.0	3/01/73	45.4	667.6	5411	HUNGRY VALLEY HYDRO SUBAREA							
				7/06/73	49.4	663.6		07N/18W-07F01 S	19		3100.0	4/10/73	99.0	3001.0	5121
				8/29/73	75.2	637.8						6/28/73	98.4	3001.6	
				9/27/73	80.7	632.3		08N/19W-15L01 S	19		4275.0	4/10/73	71.2	4203.8	5121
04N/18W-28C02 S	56		676.0	10/09/72	132.0(2)	544.0	5121					6/28/73	71.3	4203.7	
				12/05/72	130.9	545.1		08N/19W-35P01 S	19		3455.0	4/10/73	149.4	3305.6	5121
				4/06/73	98.4	577.6						6/28/73	149.5	3305.5	
				8/08/73	98.8	577.2		STAUFFER HYDRO SUBAREA							
				9/25/73	102.0	574.0									
04N/18W-29H02 S	56		635.8	3/11/73	85.1	550.7	5411	07N/21W-09F01 S			5250.0	10/04/72	NM-3		5121
				4/01/73	79.0	556.8						4/12/73	NM-1		5121
				5/06/73	67.2	568.6		08N/20W-04N01 S			5300.0	6/28/73	NM-1		
				6/03/73	64.1	571.7									
				7/01/73	71.9	563.9		08N/20W-07H01 S	19		5400.0	4/12/73	37.0	5363.0	5121
				8/06/73	70.0	565.8						6/28/73	37.1	5362.9	
				9/02/73	70.7	565.1		08N/20W-07K02 S			5450.0	4/12/73	NM-7		5121
04N/18W-29P01 S	56		642.9	11/28/72	98.4	544.5	5411					6/28/73	NM-1		
				12/29/72	97.6	545.3		08N/20W-08R01 S	19		5300.0	4/12/73	1.9	5298.1	5121
				3/01/73	97.8	545.1						6/28/73	3.6	5296.4	
				5/30/73	78.8	564.1		08N/20W-08F01 S	19		5345.0	4/12/73	34.1	5310.9	5121
				6/25/73	75.4	567.5						6/28/73	34.3	5310.7	
				7/30/73	74.6	568.3		08N/20W-18N02 S	19		5290.0	6/28/73	25.1	5264.9	5121
				8/29/73	74.3	568.6						4/12/73	2.5	5195.5	5121
				9/27/73	74.2	568.7						6/28/73	4.0	5194.0	
04N/18W-30K01 S	56		626.1	10/30/72	88.9	537.2	5411	08N/20W-31P01 S	19		4840.0	4/12/73	5.4	4834.6	5121
				11/28/72	102.1	524.0									
				12/29/72	100.5	525.6									
				3/01/73	85.9	540.2									
				5/30/73	67.4	558.7									
				6/25/73	71.1	555.0									

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLFGUAS HYDRO UNIT PIRU HYDRO SUBUNIT STAUFFER HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
08N/20W-31P01 S			4840.0	7/17/73	NM-9		5121	04N/14W-18F01 S			1632.0	4/09/73	32.5	1599.5	1101
08N/21W-23L01 S 19			5350.0	4/12/73	69.4	5280.6	5121	04N/14W-31F01 S			2075.0	11/28/72	FLOW FLOW		1101
08N/21W-24L01 S 56			5200.0	4/12/73	213.9	4986.1	5121	04N/15W-01A02 S 19			1851.0	11/30/72	50.0	1801.0	1101
08N/21W-26R01 S 56			5198.0	4/12/73	54.6	5143.4	5121				4/06/73	51.4	1799.6		
08N/21W-26J01 S 56			5050.0	4/12/73	8.4	5041.6	5121	04N/15W-01R02 S 19			1825.0	11/30/72	47.3	1777.7	1101
08N/21W-27O01 S 56			5203.0	4/11/73	121.1	5081.9	5121				4/12/73	48.8	1776.2		
08N/21W-27P01 S 56			5191.1	4/11/73	48.6	5142.5	5121	04N/15W-01C01 S 19			1795.5	11/30/72	55.0	1740.5	1101
08N/21W-29N02 S			5450.0	10/05/72	NM-1		5121				4/12/73	56.7	1738.8		
08N/21W-33J01 S			5150.0	10/05/72	NM-9		5121	04N/15W-01F01 S 19			1775.0	11/30/72	61.6	1713.4	1101
08N/21W-33N01 S 56			5450.0	10/05/72	53.0	5397.0	5121				4/12/73	63.7	1711.3		
				4/11/73	50.9	5399.1		04N/15W-02J01 S 19			1730.0	11/30/72	35.4	1694.6	1101
				7/17/73	2.4	5447.6					4/12/73	40.3	1689.7		
08N/21W-33R03 S 56			5150.0	10/05/72	47.6	5102.4	5121	04N/15W-02J02 S 19			1735.0	11/30/72	37.1	1697.9	1101
				4/11/73	48.0	5102.0					4/12/73	41.5	1693.5		
				7/17/73	NM-1			04N/15W-05R01 S 19			1482.0	12/06/72	36.1	1445.9	1101
08N/21W-34K01 S				10/05/72	NM-7		5121				4/05/73	43.9	1439.1		
08N/21W-34R01 S 56			5051.4	10/05/72	51.3	5000.1	5121	04N/15W-05C01 S 19			1437.0	12/06/72	22.0	1415.0	1101
				4/12/73	50.9	5000.5					4/05/73	27.4	1409.6		
				7/17/73	43.8	5007.6		04N/15W-06F01 S 19			1374.0	12/06/72	11.1	1362.9	1101
08N/21W-35O01 S			5100.0	6/28/73	NM-7		5121				4/05/73	13.2	1360.8		
08N/21W-35J01 S 56			5050.0	10/05/72	30.8	5019.2	5121	04N/15W-06H01 S 19			1420.0	12/06/72	13.0	1407.0	1101
				4/12/73	31.1	5018.9					4/05/73	16.3	1403.7		
				6/28/73	33.0	5017.0		04N/15W-06K01 S 19			1396.0	12/06/72	5.7	1390.3	1101
08N/21W-35K01 S 56			5003.0	10/05/72	44.8	4958.2	5121	04N/15W-07F01 S			1326.0	4/25/73	49.7	1276.3	1101
				4/12/73	45.2	4957.8					5/10/73	50.1	1275.9		
				6/28/73	44.1	4958.9					7/02/73	52.0	1274.7		
UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA											9/05/73	55.2	1271.5		
03N/15W-05D02 S			1467.0	11/28/72	NM-3		1101	04N/15W-11R01 S			1690.0	11/30/72	NM-2		1101
				4/06/73	NM-1						12/12/72	NM-2			
03N/15W-06A01 S			1447.0	11/29/72	32.8	1414.2	1101	04N/15W-11R02 S 19			1703.0	11/30/72	35.2	1667.8	1101
				4/06/73	9.3	1437.7					4/12/73	40.7	1662.3		
03N/16W-01M01 S 19			1309.4	11/29/72	91.1	1218.3	1101	04N/15W-11F01 S 19			1652.0	11/01/72	23.2	1628.8	1101
				4/06/73	60.5	1248.9					1/02/73	25.4	1626.6		
03N/16W-01O05 S 19			1336.2	11/01/72	2.1	1334.1	1101				3/02/73	26.1	1625.9		
				1/05/73	3.4	1332.8		04N/15W-11N01 S 19			1609.0	12/12/72	25.0	1584.0	1101
				7/02/73	0.3	1335.9					4/09/73	28.2	1592.8		
				9/05/73	5.3	1330.9		04N/15W-11N03 S 19			1621.0	11/30/72	30.0	1591.0	1101
03N/16W-02J01 S 19			1318.0	11/29/72	103.8	1214.2	1101	04N/15W-13P01 S 19			1573.0	10/04/72	35.3	1537.7	1101
				4/06/73	88.1	1229.9					11/01/72	37.4	1535.6		
03N/16W-03H02 S 19			1300.0	11/29/72	91.4	1208.6	1101				1/02/73	40.3	1532.7		
				4/06/73	82.7	1217.3					3/02/73	35.0	1538.0		
03N/16W-03P01 S 19			1325.0	11/29/72	143.8	1181.2	1101	04N/15W-13R01 S 19			1590.0	11/29/72	NM-6		1101
				4/06/73	144.2	1180.8					4/09/73	28.7	1523.0		
03N/16W-04A02 S			1273.0	11/29/72	NM-1		1101	04N/15W-14J01 S 19			1558.0	12/11/72	35.0	1523.0	1101
				1/23/73	NM-1						4/09/73	28.7	1529.3		
				4/06/73	NM-1			04N/15W-14P01 S			1545.0	11/30/72	DRY		1101
03N/16W-04J01 S 19			1280.3	4/24/73	62.1	1218.2	1101				4/09/73	DRY			
03N/16W-11A01 S 19			1388.0	11/29/72	62.0	1326.0	1101	04N/15W-14R01 S 19			1554.0	11/29/72	37.2	1516.8	1101
				4/06/73	59.3	1328.7					4/09/73	30.6	1523.4		
03N/16W-11A02 S 19			1400.0	11/29/72	46.4	1353.6	1101	04N/15W-15A01 S 19			1600.0	11/30/72	35.0	1565.0	1101
03N/16W-11N02 S 19			1377.0	11/29/72	31.3	1345.7	1101				4/09/73	36.8	1563.2		
				4/06/73	31.3	1345.7		04N/15W-15G01 S 19			1575.0	11/30/72	32.5	1542.5	1101
03N/16W-11H02 S 19			1417.0	4/06/73	153.6	1263.4	1101				4/09/73	33.5	1541.5		
03N/16W-12A03 S 19			1400.0	11/28/72	18.6	1381.4	1101	04N/15W-15G02 S 19			1573.0	12/12/72	29.6	1543.4	1101
				4/06/73	7.7	1392.3					4/09/73	30.5	1542.5		
03N/16W-12G02 S 19			1401.3	11/28/72	24.9	1376.4	1101	04N/15W-15L01 S			1535.0	11/30/72	NM-6		1101
				4/06/73	19.1	1382.2					4/09/73	38.3	1466.7		
03N/16W-13A01 S 19			1600.0	11/28/72	81.3	1518.7	1101	04N/15W-15N02 S 19			1505.0	11/30/72	30.8	1474.2	1101
				4/06/73	82.7	1517.3					4/09/73	66.6	1310.4		
04N/14W-17E01 S 19			1690.0	11/29/72	69.7(2)	1620.3	1101	04N/15W-16N01 S 19			1377.0	11/28/72	67.1	1309.9	1101
				4/09/73	19.3(2)	1670.7					4/09/73				
04N/14W-18F01 S			1632.0	11/29/72	47.1	1584.9	1101	04N/15W-17P01 S			1323.5	11/28/72	NM-2		1101
											12/12/72	NM-2			
								04N/15W-18N02 S				11/28/72	NM-1		1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
04N/15W-18N02 S				4/05/73	NM-1		1101	04N/15W-26R04 S	19		1715.0	4/10/73	57.6	1657.4	1101
04N/15W-18P01 S	19	1291.0	11/28/72	30.1	1260.9	1101		04N/15W-31G01 S	19	1506.5	11/28/72	4.1	1502.4	1101	
			4/05/73	28.5	1262.5						4/06/73	0.2	1506.3		
04N/15W-19N01 S		1275.0	11/01/72	32.4	1242.6	1101		04N/15W-31N02 S	19	1375.0	11/29/72	43.2	1331.8	1101	
			1/02/73	28.4	1246.6						4/06/73	36.7	1338.3		
			3/02/73	26.0	1249.0			04N/15W-31P02 S	19	1385.8	11/01/72	42.6	1343.2	1101	
			4/05/73	25.4	1249.6						1/02/73	43.2	1342.6		
			5/01/73	26.6	1248.4						3/02/73	37.2	1348.6		
			7/02/73	29.7	1245.3						4/05/73	35.4	1350.4		
			9/05/73	33.2	1241.8						5/01/73	32.0	1353.8		
04N/15W-20F01 S		1348.0	12/21/72	NM-5		1101					7/02/73	29.8	1356.0		
			1/23/73	NM-3							9/05/73	34.2	1351.6		
			4/05/73	NM-3				04N/15W-35J02 S	19	1779.0	11/28/72	85.7	1693.3	1101	
			7/02/73	NM-3							4/10/73	55.0	1724.0		
04N/15W-20K01 S		1362.0	4/05/73	NM-3		1101		04N/15W-35R01 S	19	1812.5	11/28/72	109.0	1703.5	1101	
			5/01/73	NM-3							4/10/73	55.1	1757.4		
			7/02/73	NM-3				04N/15W-35R02 S	19	1800.0	11/28/72	100.5	1699.5	1101	
04N/15W-20P01 S		1385.0	4/09/73	NM-3		1101					4/10/73	55.8	1744.2		
04N/15W-20R02 S	19	1387.5	11/30/72	39.0	1348.5	1101		04N/15W-36C01 S	19	1776.0	11/28/72	33.3	1742.7	1101	
			4/09/73	35.1	1352.4						4/06/73	31.3	1744.7		
04N/15W-21A01 S	19	1460.0	11/30/72	52.4	1407.6	1101		04N/15W-36F01 S	19	1770.0	4/06/73	46.6	1723.4	1101	
			4/09/73	49.2	1410.8										
04N/15W-21G01 S	19	1441.0	11/30/72	42.5	1398.5	1101		04N/15W-36F03 S	19	1821.0	11/28/72	81.0	1740.0	1101	
			4/09/73	39.1	1401.9						4/06/73	28.9	1792.1		
04N/15W-21J01 S	19	1431.0	11/30/72	31.5	1399.5	1101		04N/15W-36H01 S	19	2075.0	11/28/72	42.0	2033.0	1101	
			4/09/73	27.4	1403.6						4/06/73	18.7	2056.3		
04N/15W-21J02 S	19	1440.0	11/30/72	33.1	1406.9	1101		04N/16W-01P01 S	19	1377.0	12/06/72	67.5	1309.5	1101	
			4/09/73	30.0	1410.0						4/05/73	63.5	1313.5		
04N/15W-21O02 S	19	1419.0	11/30/72	33.6	1385.4	1101		04N/16W-01K01 S	19	1333.0	12/06/72	60.5	1272.5	1101	
			4/09/73	29.4	1389.6						4/05/73	61.8	1271.2		
			9/05/73	19.8	1378.2			04N/16W-01P03 S		1329.0	12/06/72	579.6	749.4	1101	
04N/15W-22F02 S	19	1457.0	11/01/72	31.2	1425.8	1101					4/05/73	DRY			
			1/02/73	32.4	1424.6			04N/16W-01O01 S	19	1330.0	12/06/72	65.8	1264.2	1101	
			3/02/73	28.3	1428.7						4/05/73	67.6	1262.4		
			4/09/73	28.0	1429.0			04N/16W-02M01 S		1330.0	11/28/72	86.2	1243.8	1101	
			5/01/73	28.0	1429.0						4/04/73	86.2	1243.8		
			7/02/73	32.9	1424.1			04N/16W-03F01 S	19	1196.3	11/27/72	15.8	1180.5	1101	
			9/05/73	35.9	1421.1						4/04/73	10.3	1186.0		
04N/15W-22L01 S	19	1464.0	11/30/72	27.5	1436.5	1101		04N/16W-04H01 S	19	1201.0	11/27/72	20.6	1180.4	1101	
			4/09/73	26.1	1437.9						4/04/73	14.1	1186.9		
04N/15W-23B02 S	19	1530.0	11/30/72	26.9	1503.1	1101		04N/16W-06A01 S	19	1063.0	11/28/72	16.0	1047.0	1101	
			4/09/73	19.2	1510.8						4/04/73	14.9	1048.1		
04N/15W-23R03 S	19	1550.0	11/30/72	40.6	1509.4	1101		04N/16W-07O01 S	19	1027.0	11/27/72	8.8	1018.2	1101	
			4/09/73	34.9	1515.1						4/04/73	7.6	1019.4		
04N/15W-23C01 S	19	1511.5	11/30/72	32.1	1479.4	1101		04N/16W-09H01 S	19	1153.5	11/28/72	11.9	1141.6	1101	
			4/09/73	19.1	1492.4						4/04/73	8.5	1145.0		
04N/15W-23E01 S	19	1515.0	11/30/72	31.8	1483.2	1101		04N/16W-09H02 S	19	1155.0	11/28/72	18.2	1136.8	1101	
			4/09/73	24.5	1490.5						4/04/73	14.8	1140.2		
04N/15W-23F01 S	19	1528.5	4/09/73	29.7	1498.8	1101		04N/16W-12C03 S	19	1030.2	10/13/72	31.0	999.2	1101	
04N/15W-23F02 S	19	1553.0	11/30/72	52.1	1500.9	1101					11/28/72	21.2	1009.0		
			4/09/73	47.9	1505.1						12/28/72	14.9	1015.3		
04N/15W-23F04 S	19	1530.0	11/30/72	36.1(4)	1493.9	1101					1/23/73	14.2	1016.0		
			4/09/73	28.9	1501.1						4/04/73	16.4	1013.8		
04N/15W-23F05 S	19	1552.0	11/30/72	51.8	1500.2	1101					8/30/73	23.1	1007.1		
			4/09/73	47.6	1504.4			04N/16W-12H01 S	19	1315.0	11/01/72	38.1	1276.9	1101	
04N/15W-23K03 S	19	1570.0	11/30/72	53.2	1516.8	1101					1/02/73	39.6	1275.4		
			4/09/73	50.9	1519.1						3/02/73	40.2	1274.8		
04N/15W-23O01 S		1588.0	11/30/72	NM-2		1101					4/05/73	40.5	1274.5		
			4/12/73	NM-2							5/01/73	33.3	1281.7		
04N/15W-24C01 S	19	1580.0	11/29/72	41.3	1538.7	1101					7/02/73	45.5	1269.5		
			4/09/73	37.5	1542.5						9/05/73	49.1	1265.9		
04N/15W-26G01 S	19	1640.0	11/30/72	69.5	1570.5	1101		04N/16W-12K01 S	19	1281.0	12/06/72	29.1	1251.9	1101	
			4/09/73	69.5	1570.5						4/05/73	31.5	1249.5		
04N/15W-26K01 S	19	1678.0	11/30/72	91.1	1586.9	1101		04N/16W-12M01 S	19	1265.0	12/06/72	23.9	1241.1	1101	
			4/09/73	87.5	1590.5						4/05/73	23.6	1241.4		
04N/15W-26R02 S	19	1686.0	10/04/72	40.6	1645.4	1101		04N/16W-12N02 S	19	1253.0	12/06/72	26.0	1227.0	1101	
			11/01/72	41.3	1644.7						4/05/73	25.5	1227.5		
			1/02/73	41.8	1644.2			04N/16W-13D01 S		1240.0	12/06/72	27.9	1212.1	1101	
			3/02/73	41.5	1644.5						4/05/73	31.1	1208.9		
			4/10/73	39.8	1646.2			04N/16W-14F02 S	19	1178.8	11/28/72	31.8	1147.0	1101	
			5/01/73	39.4	1646.6										
			7/02/73	37.8	1648.2			04N/16W-14H01 S	19	1223.0	12/06/72	28.2	1194.8	1101	
			9/05/73	34.5	1651.5						4/05/73	29.0	1194.0		
04N/15W-26R04 S	19	1715.0	11/28/72	106.1	1608.9	1101		04N/16W-15O03 S	19	1153.0	11/28/72	31.5	1121.5	1101	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLFGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLFGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
U-03 U-03.E U-03.E1								U-03 U-03.E U-03.E1							
04N/16W-15003 S 19			1153.0	4/05/73	22.2	1130.8	1101	04N/16W-28A01 S 19			1169.5	12/06/72 4/05/73	75.0 71.8	1094.5 1097.7	1101
04N/16W-15R01 S			1155.0	11/27/72 4/05/73	19.7 10.1	1135.3 1144.9	1101	04N/16W-32001 S 19			1350.0	11/01/72 1/05/73 3/02/73 4/06/73 5/01/73 7/02/73	74.4 75.3 72.0 60.2 60.3 63.0	1275.6 1274.7 1278.0 1289.8 1289.7 1287.0	1101
04N/16W-16002 S 19			1096.0	11/27/72 4/04/73	20.7 16.9	1075.3 1079.1	1101	04N/16W-33L01 S 19			1285.0	11/29/72 4/06/73	179.0 164.7	1106.0 1120.3	1101
04N/16W-16F01 S 19			1102.4	11/01/72 12/08/72 1/31/73 3/02/73 4/04/73 5/01/73 7/02/73 8/01/73 9/05/73	21.7 20.7 19.3 16.8 16.7 17.3 19.3 20.4 21.1	1080.7 1081.7 1083.1 1085.6 1085.7 1085.1 1083.1 1082.0 1081.3	1101	04N/16W-34A03 S 19			1200.0	4/06/73	116.0	1084.0	1101
04N/16W-16003 S 19			1115.8	12/28/72 3/02/73 4/04/73 9/05/73	26.6 22.5 22.3 30.7	1089.2 1093.3 1093.5 1085.1	1101	04N/16W-34J01 S			1230.6	11/29/72 4/06/73	NM-8 NM-8		1101
04N/16W-16P01 S 19			1127.0	11/28/72 4/04/73	32.2 25.2	1094.8 1101.8	1101	04N/16W-34J02 S 19			1231.0	11/29/72 4/06/73	129.2 127.4	1101.4 1103.6	1101
04N/16W-17A05 S 19			1089.0	11/27/72 4/04/73	15.3 12.0	1073.7 1077.0	1101	04N/16W-34L01 S 19			1216.4	10/03/72 11/01/72 12/08/72 1/05/73 3/02/73 4/10/73 5/01/73 6/05/73 7/02/73 8/01/73 9/05/73	127.3 127.6 128.1 128.1 126.0 121.6 121.4 121.5 122.6 123.9 125.0	1099.1 1098.8 1098.3 1098.3 1100.4 1104.8 1105.0 1104.4 1103.4 1102.5 1101.4	1101
04N/16W-17C01 S 19			1056.0	11/27/72 4/04/73	11.2 9.0	1044.8 1047.0	1101	04N/16W-34L02 S 19			1227.1	10/03/72 11/01/72 12/08/72 1/14/73 3/02/73 4/10/73 5/01/73 6/05/73 7/02/73 8/01/73 9/05/73	126.6 127.2 127.9 126.2 123.0 116.7 116.2 117.9 119.3 120.7 122.5	1100.5 1099.9 1099.2 1100.9 1104.1 1110.4 1110.9 1109.2 1107.8 1106.4 1104.6	1101
04N/16W-17D01 S 19			1048.0	11/27/72 4/04/73	15.3 13.4	1032.7 1034.6	1101	04N/16W-35K01 S 19			1270.0	11/29/72 4/06/73	160.6 100.2	1109.4 1169.4	1101
04N/16W-17J02 S 19			1095.0	11/27/72 4/04/73	74.8 63.2	1020.2 1031.8	1101	04N/16W-35L01 S			1249.0	11/29/72 4/06/73	NM-2 NM-1		1101
04N/16W-18A02 S 19			1043.8	10/04/72 11/01/72 12/08/72 1/31/73 3/02/73 4/04/73 5/01/73 7/02/73 8/01/73 9/05/73	13.8 14.2 13.3 12.8 12.2 11.9 13.0 13.4 14.1 13.3	1030.0 1029.6 1030.5 1031.0 1031.6 1031.9 1030.8 1030.4 1029.7 1030.5	1101	04N/16W-35M02 S			1236.5	4/06/73	NM-1		1101
04N/16W-18R01 S 19			1030.0	11/27/72 4/04/73	9.7 8.4	1020.3 1021.6	1101	04N/16W-36M04 S 19			1286.0	11/29/72 4/06/73	167.2 165.5	1118.8 1120.5	1101
04N/16W-18F04 S 19			1022.6	11/27/72 4/04/73	5.2 4.8	1017.4 1017.8	1101	04N/16W-36M05 S 19			1286.0	11/29/72 4/06/73	165.5 169.0	1120.5 1117.0	1101
04N/16W-20R02 S 19			1092.0	11/27/72 4/05/73	16.5 13.1	1075.5 1078.9	1101	04N/16W-36Q01 S 19			1330.0	11/29/72 4/06/73	154.5 126.2	1175.5 1203.8	1101
04N/16W-21H02 S 19			1133.0	10/04/72 11/01/72 12/08/72 1/31/73 3/02/73 4/05/73 5/01/73 7/02/73 8/01/73 9/05/73	45.6 44.0 40.6 38.2 35.9 35.0 38.6 44.2 46.1 45.6	1087.4 1089.0 1092.4 1094.8 1097.1 1098.0 1094.4 1088.8 1086.9 1087.4	1101	04N/16W-36R01 S 19			1350.0	11/29/72 4/06/73	96.3 91.7	1253.7 1258.3	1101
04N/16W-22C07 S 19			1130.0	12/06/72 4/05/73	33.2 28.2	1096.8 1101.8	1101	04N/17W-01A01 S 19			1066.0 1043.4 1066.0	10/16/72 11/28/72 1/10/73 2/06/73 3/13/73 4/03/73 5/02/73 6/05/73 7/10/73 8/09/73 9/07/73	29.7 2.8 14.2 15.3 14.4 14.8 16.4 17.3 21.0 23.6 23.3	1036.3 1040.6 1051.8 1050.7 1051.6 1051.2 1049.6 1048.7 1045.0 1042.4 1042.7	5050 1101 5050
04N/16W-22D02 S			1128.0	11/28/72 12/06/72 4/05/73	NM-1 NM-1 NM-1		1101	04N/17W-01C01 S 19			1060.0	11/28/72 4/04/73	5.8 22.3	1054.2 1037.7	1101
04N/16W-22D03 S 19			1136.7	11/28/72 4/05/73	42.1 34.8	1094.6 1101.9	1101	04N/17W-01J01 S 19			1052.9	10/16/72 11/29/72 1/10/73 2/06/73 3/13/73 4/03/73 5/02/73 6/05/73 7/10/73 8/09/73 9/07/73	31.2 13.0 10.4 11.2 10.7 11.2 13.4 16.4 18.4 21.7 22.4	1021.7 1039.9 1042.5 1041.7 1042.2 1041.7 1039.5 1036.5 1034.5 1031.2 1030.5	5050
04N/16W-23A02 S 19			1198.9	11/28/72	12.4	1186.5	1101	04N/17W-03K02 S 19			1261.0	11/28/72 4/04/73	116.5 111.5	1144.5 1149.5	1101
04N/16W-23G01 S 19			1195.0	11/30/72 4/05/73	12.8 8.1	1182.2 1186.9	1101	04N/17W-12R02 S 19			1043.0 1039.0 1043.0	10/16/72 11/28/72 1/10/73 2/06/73 3/13/73 4/03/73 5/02/73 6/05/73 7/10/73 8/09/73 9/07/73	34.0 17.7 15.4 15.5 14.3 14.8	1009.0 1021.3 1027.6 1027.5 1028.7 1028.2	5050 1101 5050
04N/16W-23H01 S 19			1205.4	11/28/72 4/05/73	14.2 10.4	1191.2 1195.0	1101								
04N/16W-24A05 S 19			1260.1	11/28/72 4/05/73	19.2 17.2	1240.9 1242.9	1101								
04N/16W-24B03 S 19			1241.0	11/28/72 4/05/73	13.4 11.9	1227.6 1229.1	1101								
04N/16W-24H01 S 19			1269.0	11/28/72 4/05/73	23.5 24.7	1245.5 1244.3	1101								
04N/16W-27J01 S 19			1188.0	11/01/72 12/28/72 3/02/73 4/05/73 7/02/73 9/05/73	93.4 92.5 86.8 83.9 88.4 91.9	1094.6 1095.5 1101.2 1104.1 1099.6 1096.1	1101								

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
							U-03 U-03.E U-03.E1								U-03 U-03.E U-03.F1
04N/17W-12B02 S 19			1043.0	5/02/73	17.2	1025.8	5050	05N/14W-31F04 S 19			1950.0	4/12/73	29.6	1920.4	1101
(CONTINUED)				6/05/73	19.0	1024.0									
				7/10/73	22.7	1020.3		05N/14W-31L01 S			1920.0	11/30/72	NM-2		1101
				8/09/73	27.8	1015.2						12/12/72	NM-2		
				9/07/73	26.2	1016.8						4/12/73	NM-2		
04N/17W-12B03 S 19			1028.5	11/28/72	20.5	1008.0	1101	05N/15W-05W01 S 19			1412.0	12/06/72	12.2	1399.8	1101
				12/28/72	13.2	1015.3						4/05/73	15.4	1396.6	
				1/23/73	13.0	1015.5		05N/15W-21001 S 19			1627.5	4/12/73	25.0	1602.5	1101
				8/30/73	22.9	1005.6									
04N/17W-12G01 S 19			1020.6	10/13/72	28.1	992.5	1101	05N/15W-28F01 S			1600.0	4/12/73	48.2	1551.8	1101
				11/28/72	22.3	998.3									
				12/28/72	20.2	1000.4		05N/15W-28G01 S			1625.0	12/06/72	68.5	1556.5	1101
				4/04/73	19.8	1000.8						4/12/73	53.0	1572.0	
				7/09/73	21.3	999.3		05N/15W-32R02 S 19			1492.0	12/06/72	29.0	1463.0	1101
				8/30/73	20.0	1000.6						4/12/73	29.7	1462.3	
04N/17W-12P01 S 19			991.9	11/27/72	13.1	978.8	1101	05N/15W-33F04 S 19			1513.0	12/06/72	39.9	1473.1	1101
				12/28/72	12.4	979.5						4/12/73	47.8	1465.2	
				1/23/73	12.2	979.7		05N/15W-33F05 S 19			1528.0	11/01/72	45.7	1482.3	1101
				4/04/73	14.0	977.9						1/02/73	52.1	1475.9	
				7/09/73	14.5	977.4						3/02/73	57.1	1470.9	
				8/30/73	15.5	976.4						4/05/73	60.2	1467.8	
04N/17W-12P01 S 19			1012.0	12/08/72	20.1	991.9	1101					5/01/73	60.4	1467.6	
				4/04/73	19.4	992.6						7/02/73	54.2	1473.8	
04N/17W-12R03 S 19			1013.4	10/04/72	15.9	997.5	1101					9/05/73	27.9	1500.1	
				11/01/72	16.3	997.1		05N/15W-33F06 S 19			1495.0	12/06/72	39.3	1455.7	1101
				12/08/72	16.2	997.2									
				1/10/73	10.5	1002.9		05N/15W-33K01 S 19			1610.0	12/06/72	80.2	1529.8	1101
				3/02/73	13.3	1000.1						4/12/73	79.3	1530.7	
				4/04/73	13.4	1000.0		05N/14W-34P01 S 19			1233.0	11/28/72	28.7	1204.3	1101
				5/01/73	14.0	999.4						4/04/73	20.0	1213.0	
				7/02/73	13.9	999.5		05N/14W-34P02 S 19			1235.0	1/23/73	34.3	1200.7	1101
				8/01/73	12.9	1000.5						3/02/73	28.8	1206.2	
04N/17W-13C01 S 19			981.9	11/27/72	-1.4	983.3	1101					4/04/73	24.3	1210.7	
				4/04/73	7.2	974.7						5/01/73	23.9	1211.1	
04N/17W-13C02 S 19			986.0	10/16/72	16.7	969.3	5050					7/02/73	24.2	1210.8	
			983.8	11/01/72	16.7	967.1	1101					9/05/73	27.1	1207.9	
				12/28/72	13.5	978.3		05N/14W-36R02 S			1474.0	12/06/72	NM-6		1101
			986.0	1/10/73	14.4	971.6	5050								
				2/04/73	14.3	971.7		05N/17W-24001 S 19			1150.0	10/13/72	33.3	1116.7	1101
			983.8	3/02/73	12.6	971.2	1101					11/28/72	29.0	1121.0	
			986.0	4/03/73	15.2	970.8	5050					12/28/72	29.1	1120.9	
			983.8	5/01/73	13.6	970.2	1101					4/04/73	30.6	1119.4	
			986.0	6/05/73	15.5	970.5	5050					7/06/73	NM-9		
			983.8	7/02/73	14.0	969.8	1101					8/30/73	NM-9		
			986.0	8/09/73	16.4	969.6	5050	05N/17W-25R01 S 19			1145.0	10/16/72	37.4	1107.6	5050
				9/07/73	16.5	969.5						11/29/72	33.7	1111.3	
04N/17W-13E02 S 19			982.0	11/27/72	19.6	962.4	1101					1/10/73	32.2	1112.8	
				4/04/73	19.5	962.5						2/06/73	31.7	1113.3	
04N/17W-13J01 S 19			1036.0	11/27/72	68.8	967.2	1101					3/13/73	30.5	1114.5	
				4/04/73	65.4	970.6						4/03/73	31.2	1113.8	
04N/17W-14002 S 19			958.0	11/27/72	17.3	940.7	1101					5/02/73	31.9	1113.1	
				4/04/73	17.8	940.2						6/05/73	32.1	1112.4	
04N/17W-14003 S 19			957.4	12/08/72	16.1	941.3	1101					7/10/73	32.3	1112.7	
												8/09/73	32.3	1112.7	
04N/17W-15N01 S			996.0	11/27/72	FLOW		1101					9/08/73	32.7	1112.3	
				4/04/73	FLOW			05N/17W-25R02 S 19			1140.0	10/16/72	29.5	1110.5	5050
04N/17W-21C02 S 19			1010.0	11/27/72	18.8	991.2	1101					11/29/72	27.4	1112.6	
				4/04/73	14.9	995.1						1/10/73	26.1	1113.9	
04N/17W-22E01 S 19			897.6	11/27/72	1.7	895.9	1101					2/06/73	26.1	1113.9	
				4/04/73	1.0	896.6						3/13/73	25.7	1114.1	
04N/17W-22E02 S 19			900.0	12/08/72	1.8	898.2	1101					4/03/73	26.3	1113.7	
				1/31/73	2.1	897.9						5/02/73	27.1	1112.9	
				3/02/73	1.5	898.5						6/05/73	27.2	1112.8	
				4/04/73	2.0	898.0						7/10/73	27.6	1112.4	
				5/01/73	16.0(1)	884.0		05N/17W-25R04 S 19			1136.0	10/16/72	23.4	1112.6	5050
				7/02/73	4.6	895.4						11/29/72	20.7	1115.3	
				9/05/73	3.5	896.5						1/10/73	20.1	1115.9	
04N/17W-22E04 S 19			889.6	11/27/72	-2.8	892.4	1101					2/06/73	20.1	1115.9	
												3/13/73	19.9	1116.1	
04N/17W-23D01 S			949.7	11/27/72	18.1	931.6	1101					4/03/73	20.6	1115.4	
				4/04/73	18.1	931.6						5/02/73	21.4	1114.6	
04N/17W-28L01 S 19			969.8	11/29/72	5.0	964.8	1101					6/05/73	21.5	1114.5	
			971.0	4/06/73	0.8	970.2						7/10/73	21.9	1114.1	
05N/14W-29P01 S 19			2265.0	11/30/72	48.4	2216.6	1101					8/09/73	22.1	1113.9	
				4/12/73	37.4	2227.6						9/07/73	22.1	1113.9	
05N/14W-30R02 S 19			2040.0	4/12/73	101.0(4)	1939.0	1101	05N/17W-25R05 S 19			1135.0	10/16/72	21.6	1113.4	5050
												11/29/72	19.0	1116.0	
05N/14W-31C02 S 19			1953.0	11/01/72	62.2	1890.8	1101					1/10/73	18.4	1116.4	
				1/02/73	63.1	1889.9						2/06/73	18.7	1116.3	
				3/02/73	62.7	1890.3						3/13/73	18.6	1116.4	
				4/05/73	61.9	1891.1						4/03/73	19.3	1115.7	
				5/01/73	61.1	1891.9						5/02/73	19.9	1115.1	
				9/05/73	56.8	1896.2						6/05/73	20.1	1114.9	
05N/14W-31F04 S 19			1950.0	11/30/72	33.3	1916.7	1101					7/10/73	20.5	1114.5	
												8/09/73	20.7	1114.3	
												9/08/73	20.8	1114.2	
								05N/17W-25R08 S 19			1150.0	10/13/72	37.3	1112.7	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLIGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLIGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT SIFRA PFLONA HYDRO SUBAREA							
U-03 U-03.E U-03.E1								U-03 U-03.E U-03.E4							
05N/17W-25B08 S 19			1150.0	11/28/72	34.1	1115.9	1101	05N/14W-13C01 S			2825.0	11/29/72	56.7	2768.3	1101
(CONTINUED)				1/02/73	33.1	1116.9						4/12/73	56.3	2768.7	
				4/04/73	33.1	1116.9		05N/14W-14A01 S 19			2825.0	4/12/73	33.1	2791.9	1101
				7/06/73	26.0	1124.0		05N/14W-14A02 S 19			2820.0	11/29/72	28.7	2791.3	1101
				8/30/73	29.5	1120.5						4/12/73	28.6	2791.4	
05N/17W-25G03 S 19			1129.5	10/13/72	22.2	1107.3	1101	05N/14W-14F02 S 19			2705.0	11/29/72	65.2	2639.8	1101
				11/01/72	21.0	1108.5						4/12/73	82.9(4)	2622.1	
				1/02/73	18.6	1110.9		05N/14W-22J01 S			2575.0	11/29/72	85.1	2489.9	1101
				3/02/73	18.0	1111.5						4/12/73	86.1(4)	2488.9	
				4/04/73	19.7	1109.8		05N/14W-23F01 S			2570.0	11/29/72	78.7	2491.3	1101
				5/01/73	20.3	1109.2						4/12/73	74.9	2495.1	
				7/02/73	20.7	1108.8		05N/14W-24C01 S 19			2666.7	11/29/72	118.6	2548.1	1101
				9/05/73	24.3	1105.2						4/12/73	118.3	2548.4	
05N/17W-25G04 S 19			1135.0	10/13/72	28.9	1106.1	1101	05N/14W-26N02 S 19			2500.0	11/29/72	32.8	2467.2	1101
				11/28/72	24.5	1110.5						4/12/73	31.0	2469.0	
				12/28/72	23.2	1111.8	5050	05N/14W-26F01 S			2487.0	11/29/72	28.6	2454.4	1101
				1/10/73	23.1	1111.9						4/12/73	28.6	2454.4	
				2/04/73	22.9	1112.1		05N/14W-26F02 S 19			2490.0	11/29/72	34.4	2455.6	1101
				3/13/73	22.2	1112.8						4/12/73	28.6	2461.4	
				4/03/73	22.6	1112.4		05N/14W-26F03 S 19			2480.0	11/29/72	20.2	2459.8	1101
				5/02/73	23.5	1111.5						4/12/73	16.8	2463.2	
				6/05/73	23.7	1111.3		05N/14W-26G01 S			2565.0	11/29/72	42.7	2522.3	1101
				7/10/73	24.3	1110.7						4/12/73	39.1	2525.9	
				8/09/73	24.5	1110.5		05N/14W-27K01 S 19			2480.0	11/29/72	22.5	2457.5	1101
				9/07/73	24.4	1110.6						4/12/73	20.5	2459.5	
05N/17W-25G06 S 19			1130.0	10/20/72	25.0	1105.0	5050	ACTON HYDROLOGIC SUBAREA							
				11/29/72	21.7	1108.3		U-03.E5							
				1/10/73	20.3	1109.7		04N/12W-02E02 S 19			3520.0	11/29/72	153.8	3364.2	1101
				2/06/73	20.3	1109.7						4/12/73	154.0	3366.0	
				3/13/73	19.2	1110.8		04N/12W-11G01 S			3735.0	11/29/72	57.6	3677.4	1101
				4/03/73	19.9	1110.1						4/12/73	55.2	3679.8	
				6/05/73	21.2	1108.8		05N/14W-27P01 S 19			2480.0	11/29/72	15.5	2464.5	1101
				7/10/73	21.8(4)	1108.2						4/12/73	14.0	2466.0	
				8/09/73	22.1	1107.9		CALIFORNIA-CONEJO HYDRO SUBUNIT WEST LAS POSAS HYDRO SUBAREA							
								U-03.F U-03.F1							
05N/17W-25M02 S 19			1235.0	10/13/72	118.1	1116.9	1101	02N/21W-09N01 S 56			350.0	12/07/72	383.8	-33.8	5121
				11/28/72	114.3	1120.7						2/08/73	372.8	-22.8	
				12/28/72	112.0	1123.0						4/04/73	363.2	-13.2	
				1/23/73	110.6	1124.4						6/08/73	370.8	-20.8	
				4/04/73	108.0	1127.0						9/27/73	382.1	-32.1	
				7/09/73	106.4	1128.6		02N/21W-10M01 S 56			329.6	10/04/72	263.3	66.3	5121
05N/17W-36A03 S 19			1109.0	11/28/72	15.5	1093.5	1101					11/30/72	251.1	78.5	
				12/28/72	14.7	1094.3						2/09/73	244.1	85.5	
			1110.0	1/10/73	14.8	1095.2	5050					4/04/73	231.6	98.0	
				3/13/73	13.6	1096.4						6/08/73	241.9	87.7	
				4/04/73	15.4	1093.6	1101					8/07/73	254.4	75.2	
				5/02/73	14.7	1095.3	5050					9/27/73	258.1	71.5	
				7/09/73	14.8	1094.2	1101	02N/21W-11J01 S 56			385.8	11/30/72	345.4	40.4	5121
				8/09/73	15.3	1094.7	5050					2/09/73	337.8	48.0	
				9/09/73	15.1	1094.9						4/04/73	334.6	51.2	
05N/17W-36G03 S 19			1090.0	11/28/72	4.6	1085.4	1101					8/07/73	353.3	32.5	
				4/04/73	5.3	1084.7						9/27/73	NM-1		
05N/17W-36G04 S 19			1090.0	10/16/72	13.6	1076.4	5050	02N/21W-12F01 S 56			404.6	10/04/72	320.1	84.5	5121
				11/29/72	8.5	1081.5						11/30/72	314.5	90.1	
				1/10/73	8.1	1081.9						2/09/73	308.8	95.8	
				2/06/73	8.0	1082.0						4/05/73	305.8	98.8	
				3/13/73	7.8	1082.2						6/12/73	313.1	91.5	
				4/03/73	8.2	1081.8						8/07/73	321.8	82.8	
				5/02/73	8.5	1081.5						9/27/73	323.0	81.6	
				6/05/73	9.0	1081.0		02N/21W-15A01 S 56			308.5	10/03/72	334.9	-26.4	5121
				7/10/73	9.5	1080.5						11/30/72	333.5	-25.0	
				8/09/73	10.2	1079.8						2/08/73	324.2	-15.7	
				9/07/73	9.8	1080.2						4/04/73	321.7	-13.2	
05N/17W-36H03 S 19			1100.0	10/16/72	17.8	1082.2	5050					6/12/73	NM-1		
				11/29/72	13.6	1086.4						8/09/73	NM-1		
				1/10/73	13.5	1086.5						9/27/73	NM-1		
				2/06/73	13.5	1086.5		02N/21W-15P01 S 56			330.2	2/09/72	368.4	-38.2	5121
				3/13/73	13.6	1086.4						4/04/73	368.9	-38.7	
				4/03/73	14.0	1086.0						6/08/73	381.4	-51.2	
				5/02/73	14.7	1085.3						8/07/73	407.2	-77.0	
				6/05/73	15.3	1084.7						9/27/73	410.6	-80.4	
				7/10/73	14.6	1085.4		02N/21W-16J01 S 56			259.4	11/30/72	66.8	192.6	5121
				8/09/73	15.6	1084.4						2/21/73	65.5	193.9	
				9/07/73	NM-9							4/04/73	65.5	193.9	
05N/17W-36H04 S 19			1086.2	11/28/72	5.9	1080.3	1101					6/08/73	64.7	194.7	
				4/04/73	NM-1							8/07/73	64.0	195.4	
05N/17W-36H05 S 19			1099.6	11/28/72	13.6	1086.0	1101					9/25/73	65.2	194.2	
05N/17W-36J01 S 19			1088.2	11/28/72	7.3	1080.9	1101	02N/21W-20Q03 S 56			112.1	12/11/72	114.2	-2.1	5121
05N/17W-36J02 S 19			1088.0	10/16/72	9.7	1078.3	5050								
				11/29/72	6.6	1081.4									
				1/10/73	6.5	1081.5									
				2/06/73	6.5	1081.5									
				3/13/73	6.5	1081.5									
				4/03/73	8.1	1079.9									
				5/02/73	7.6	1080.4									
				6/05/73	8.3	1079.7									
				7/10/73	7.6	1080.4									
				8/09/73	8.9	1079.1									
				9/07/73	8.5	1079.5									

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT WEST LAS POSAS HYDRO SUBAREA							U-03 U-03.F U-03.F1	SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT EAST LAS POSAS HYDRO SUBAREA							U-03 U-03.F U-03.F2
02N/21W-20003 S 56			112.1	2/09/73	104.4	7.7	5121	03N/19W-29E02 S 56			852.0	8/08/73	265.4	586.6	5121
(CONTINUED)				4/04/73	102.3	9.8		(CONTINUED)				9/27/73	270.7	581.3	
				5/31/73	109.4	2.7						10/05/72	690.0	310.0	5121
				8/07/73	111.1	1.0		03N/20W-23L01 S 56			1000.0	12/01/72	689.0	311.0	
				9/25/73	108.2	3.9						4/06/73	NM-3		
EAST LAS POSAS HYDRO SUBAREA							U-03.F2					6/12/73	NM-7		
02N/19W-03A01 S			582.3	10/03/72	4.7	577.6	5121					8/09/73	NM-5		
				12/01/72	5.0	577.3						9/27/73	NM-7		
				2/21/73	4.6	577.7		03N/20W-25H01 S 56			835.0	10/12/72	219.0	616.0	5121
				4/06/73	5.2	577.1						12/01/72	215.9	619.1	
				6/12/73	5.1	577.2						2/21/73	214.5	620.4	
				8/08/73	5.3	577.0						4/06/73	214.7	620.3	
				9/27/73	5.3	577.0						6/12/73	217.3	617.7	
02N/19W-04K01 S 56			526.7	10/05/72	98.7	428.0	5121					8/08/73	220.8	614.2	
				12/01/72	97.7	429.0		ARROYO SANTA ROSA HYDRO SUBAREA							U-03.F3
				2/21/73	92.3	434.4		02N/19W-19L01 S 56			346.0	10/12/72	63.8	282.2	5121
				4/05/73	87.1	439.6						12/06/72	62.0	284.0	
				6/12/73	85.0	441.7						2/21/73	63.8	282.2	
				8/08/73	86.8	439.9						4/10/73	65.0	281.0	
				9/27/73	87.8	438.9						5/31/73	65.4	280.6	
02N/19W-05H01 S 56			477.6	10/05/72	213.4	264.2	5121					8/09/73	64.2	281.8	
				12/01/72	211.0	266.6						9/20/73	64.2	281.4	
				2/09/73	208.8	268.8		02N/19W-19R02 S 56			291.4	12/06/72	136.3	155.1	5121
				4/05/73	206.6	271.0						2/21/73	125.9	165.5	
				6/12/73	203.8	273.8						4/10/73	121.0	170.4	
				8/08/73	202.1	275.5						5/31/73	125.7	165.7	
				9/27/73	201.9	275.7						9/20/73	136.3	155.1	
02N/19W-06E01 S 56			615.0	12/01/72	380.7	234.3	5121					10/12/72	182.5	122.0	5121
				2/09/73	378.5	236.5		02N/19W-20L01 S 56			304.5	10/12/72	182.5	122.0	
				4/05/73	377.4	237.6						2/16/73	157.6	146.9	
				6/12/73	379.0	236.0						4/10/73	150.3	154.2	
				8/08/73	380.2	234.8						5/31/73	150.4	154.1	
				9/27/73	383.7	231.3						8/08/73	158.3	146.2	
02N/19W-06N03 S 56			442.8	10/06/72	83.2	359.6	5121					9/20/73	144.7	159.4	
				12/01/72	82.9	359.9		02N/19W-21C02 S 56			489.6	10/12/72	106.1	383.5	5121
				2/09/73	79.7	363.1						12/06/72	96.3	393.3	
				4/06/73	79.1	363.7						2/16/73	94.0	395.6	
				6/12/73	80.4	362.4						4/10/73	91.5	398.1	
				8/08/73	82.0	360.8						5/31/73	89.6	400.0	
				9/27/73	81.3	361.5						8/08/73	87.7	401.9	
02N/19W-07A03 S 56			457.0	10/05/72	93.2	363.8	5121					9/20/73	86.5	403.1	
				12/01/72	92.9	364.1		02N/20W-22H01 S 56			281.6	10/12/72	209.7	71.4	5121
				2/09/73	92.1	364.9						12/06/72	207.9	73.7	
				4/05/73	94.0	363.0						2/21/73	200.3	81.3	
				6/12/73	97.0	360.0						5/31/73	198.5	83.1	
				8/08/73	101.6	355.4						8/09/73	201.5	80.1	
				9/27/73	91.7	365.3						9/20/73	203.2	78.4	
02N/19W-08G03 S 56			491.4	10/05/72	121.5	369.9	5121	02N/20W-23K01 S 56			272.7	10/12/72	198.1	74.6	5121
				12/01/72	119.5	371.9						12/06/72	189.6	83.1	
				2/09/73	118.9	372.5						2/21/73	176.4	96.3	
				4/05/73	115.4	376.0						4/10/73	172.6	100.1	
				6/12/73	113.2	378.2						5/31/73	181.8	90.9	
				9/27/73	113.0	378.4						8/09/73	190.3	82.4	
02N/20W-06R01 S 56			557.1	10/06/72	154.8	402.3	5121					9/27/73	191.7	81.6	
				11/30/72	155.2	401.9		02N/20W-23P01 S 56			234.6	10/12/72	57.7	176.9	5121
				2/09/73	155.3	401.8						12/06/72	52.7	181.9	
				4/05/73	155.4	401.7						2/21/73	47.7	186.9	
				6/08/73	149.4	407.7						4/10/73	40.9	193.7	
				8/07/73	155.9	401.2						5/31/73	43.3	191.3	
				9/27/73	156.1	401.0						8/09/73	25.4	209.2	
02N/20W-10G01 S 56			415.1	10/06/72	348.6(1)	66.5	5121					9/20/73	47.4	187.2	
				11/30/72	315.0	100.1		02N/20W-25L01 S 56			235.2	10/12/72	41.7	193.5	5121
				2/09/73	307.9	107.2						12/06/72	33.5	201.7	
				4/05/73	299.0	116.1						2/21/73	22.2	213.0	
				9/27/73	308.4	106.7						4/10/73	22.2	213.0	
02N/20W-10J01 S 56			400.0	10/06/72	300.0	100.0	5121					5/31/73	23.8	211.4	
				11/30/72	297.0	103.0						8/09/73	28.9	206.3	
				2/09/73	290.5	109.5						9/20/73	30.0	205.2	
				4/05/73	286.0	114.0		02N/20W-26R03 S 56			205.5	10/12/72	28.0	177.5	5121
				6/08/73	285.2	114.8						12/06/72	21.6	183.9	
				8/07/73	289.6	110.4						2/21/73	16.6	188.9	
				9/27/73	292.3	107.7						4/10/73	16.2	189.3	
02N/20W-12G02 S 56			420.0	10/06/72	70.5	349.5	5121					5/31/73	18.8	186.7	
				12/01/72	70.2	349.8						8/09/73	19.6	185.9	
				2/09/73	68.5	351.5						9/20/73	19.8	185.7	
				4/05/73	69.7(2)	350.3		CONFJO VALLBY HYDRO SUBAREA							U-03.F4
				6/08/73	66.5	353.5		01N/19W-07K16 S 19			634.6	12/06/72	20.1	614.5	5121
				8/07/73	69.9	350.1						2/27/73	18.6	616.0	
				9/27/73	69.9	350.1						4/10/73	7.6	627.0	
02N/20W-12J01 S 56			428.7	10/06/72	202.2	226.5	5121					5/30/73	39.6	595.0	
				12/01/72	202.1	226.6						8/09/73	31.1	603.5	
				2/09/73	201.4	227.3						9/25/73	17.8	616.8	
				4/05/73	200.4	228.3		01N/20W-03J01 S 56			762.9	10/10/72	69.4	693.5	5121
				8/07/73	206.0	222.7						2/27/73	60.1	702.8	
				9/27/73	222.9	205.8						4/10/73	43.5	719.4	
03N/19W-29E02 S 56			852.0	2/21/73	258.9	593.1	5121					5/30/73	50.3	712.6	
				4/06/73	247.0	605.0						8/09/73	61.7	701.2	
				6/12/73	254.4	597.6									

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	
SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT CONEJO VALLEY HYDRO SUBAREA							U-03 U-03.F U-03.F4	SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT SIMI VALLEY HYDRO SUBAREA							U-03 U-03.F U-03.F7	
01N/20W-03J01 S 56			762.9	9/25/73	57.6	705.3	5121	02N/18W-13C01 S (CONTINUED)			939.2	4/06/73 5/31/73 8/08/73 9/20/73	52.6 52.9 52.1 53.1	886.6 886.3 887.1 886.1	5121	
01N/20W-15R03 S 56			720.0	10/10/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	12.7 12.3 12.2 12.0 12.0 12.0 14.0	707.3 707.7 707.8 708.0 708.0 708.0 706.0	5121	02N/18W-14C03 S 56			883.2	10/05/72 12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	68.7 68.1 67.3 64.1 64.2 65.0 65.3	814.5 815.1 815.9 819.1 819.0 818.2 817.9	5121	
TIERRA REJADA VALLEY HYDR SUBAREA							U-03.F5	THOUSAND OAKS HYDRO SUBAREA							U-03.F8	
02N/19W-10R01 S			618.6	10/06/72 12/06/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	199.3 198.9 197.9 197.3 196.1 195.5 195.1	419.3 419.7 420.7 421.3 422.5 423.1 423.5	5121	01N/19W-02L01 S 56			945.2	10/06/72 12/07/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	95.4 72.0 72.5 68.8 69.1 70.3 70.7	849.8 873.2 872.7 876.4 876.1 874.9 874.5	5121	
02N/19W-11J02 S 56			717.2	10/06/72 12/06/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	144.9 144.7 148.5 144.2 143.8 144.2 144.2	572.3 572.5 568.7 573.0 573.4 573.0 573.0	5121	01N/19W-09H02 S 19			764.0	10/06/72 12/07/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	66.4 68.4 68.2 71.9 68.7 68.2 68.4	697.6 695.6 695.8 692.1 695.3 695.8 695.6	5121	
02N/19W-14P01 S 56			677.4	12/06/72 2/21/73 4/06/73 8/08/73 9/20/73	36.8 33.5 32.9 34.8 34.4	640.6 643.9 644.5 642.6 643.0	5121	01N/19W-11001 S			902.6	10/09/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	42.9 43.3 42.6 42.1 39.5 40.3 40.5	859.7 859.3 860.0 860.5 863.1 862.3 862.1	5121	
02N/19W-15F02 S 56			500.0	10/06/72 12/06/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	189.0 186.2 185.4 182.5 181.2 179.6 179.6	311.0 313.8 314.6 317.5 318.8 320.4 320.4	5121	01N/19W-14K04 S 19			987.9	10/10/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	38.6 38.2 38.4 37.9 35.6 35.3 35.6	869.3 869.7 869.5 870.0 872.3 872.6 872.3	5121	
SIMI VALLEY HYDRO SUBAREA							U-03.F7	01N/19W-15E01 S 19			902.6	10/10/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	29.7 40.0 28.8 25.8 25.7 26.2 27.2	872.9 862.6 873.8 876.8 876.9 876.4 875.4	5121	
02N/17W-06J01 S 56			1039.4	10/06/72 12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	60.8 60.5 60.8 58.7 57.0 57.5 58.6	978.6 978.9 978.6 980.7 982.4 981.9 980.8	5121	02N/19W-31K01 S			1148.5	10/06/72 12/07/72 2/27/73 5/30/73 8/09/73 9/28/73	34.6 33.7 33.5 36.4 36.6 28.4	1113.9 1114.8 1115.0 1112.1 1111.9 1120.1	5121	
02N/17W-08J03 S 56			1015.5	12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	14.6 12.9 NM-7 NM-7 NM-7 NM-4	1000.9 1002.6	5121	02N/19W-35J01 S			1001.4	10/06/72 12/07/72 2/27/73 5/30/73 8/09/73 9/28/73	38.0 35.8 21.8 19.0 21.8 37.4	963.4 965.6 979.4 982.4 979.6 964.0	5121	
02N/17W-09N05 S 56			1047.8	10/06/72 12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	20.7 19.6 17.4 14.1 16.1 17.8 17.4	1027.1 1028.2 1030.4 1033.7 1031.7 1030.0 1030.4	5121									
02N/18W-07F04 S 56			753.4	10/06/72 12/06/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	65.3 65.5 65.2 65.1 64.1 64.4 64.6	688.1 687.9 688.2 688.3 689.3 689.0 688.8	5121									
02N/18W-08C02 S 56			746.4	10/05/72 12/01/72 2/23/73 4/06/73 5/31/73 8/08/73 9/20/73	7.7 5.8 4.2 4.2 1.7 1.0 0.8	738.7 740.6 742.2 742.2 744.7 745.4 745.6	5121									
02N/18W-09M01 S 56			777.7	10/05/72 12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	25.3 23.3 20.7 19.0 17.1 16.3 14.7	752.4 754.4 757.0 758.7 760.6 761.4 763.0	5121									
02N/18W-09N01 S 56			787.0	10/05/72 12/01/72 2/16/73 4/06/73 5/31/73 8/08/73 9/20/73	38.1 35.6 33.7 32.1 30.3 29.1 29.1	748.9 751.4 753.3 754.9 756.7 757.9 757.9	5121									
02N/18W-13C01 S			939.2	10/06/72 12/01/72 2/16/73	64.9 68.3 53.4	874.3 870.9 885.8	5121									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
MALIBU HYDRO UNIT TOPANGA HYDRO SUBUNIT TOPANGA CANYON HYDRO SUBAREA								MALIBU HYDRO UNIT MALIBU CREEK HYDRO SUBUNIT SHERWOOD HYDRO SUBAREA							
01S/16W-18L02 S			921.0	12/21/72 4/05/73	55.9 41.7	865.1 879.3	1101	01N/20W-24H02 S 19 (CONTINUED)			1126.0	12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	63.2 58.5 44.2 48.0 53.8 56.2	1062.8 1067.5 1081.8 1078.0 1072.2 1069.8	5121
PIEDRA GORDA CANYON HYDRO SUBAREA								POINT DUME HYDRO SUBUNIT RAMERA CANYON HYDRO SUBAREA							
01S/17W-36D01 S 19			825.0	12/21/72 4/17/73	356.5 359.9	468.5 465.1	1101	01S/18W-32P01 S			120.0	12/27/72 4/16/73	15.6 11.4	104.4 108.6	1101
01S/17W-36G05 S 19			218.0	10/02/72 11/01/72 12/18/72 1/03/73 2/06/73 3/12/73 5/03/73	104.6(4) 81.3 80.9 84.4 79.1 76.6 106.9(4)	113.4 136.7 137.1 133.6 138.9 141.4 111.1	1101	01S/18W-32P02 S 19			135.0	12/27/72 4/16/73	21.0 16.1	114.0 118.9	1101
01S/17W-36H02 S 19			250.0	12/21/72 4/17/73	35.5 34.5	214.5 215.5	1101	01S/18W-34H01 S 19			125.0	12/27/72 4/16/73	47.3 45.1	77.7 79.9	1101
LAS FLORES CANYON HYDRO SUBAREA								02S/18W-05R01 S 19			100.0	12/27/72 4/16/73	26.8 12.0	73.2 88.0	1101
01S/17W-26F01 S			325.0	12/21/72 4/17/73	FLOW FLOW		1101	02S/18W-05C01 S 19			125.0	12/27/72 4/16/73	36.4 27.2	88.6 97.8	1101
MALIBU CREEK HYDRO SUBUNIT MALIBU CREEK HYDRO SUBAREA								02S/18W-05C02 S 19			100.0	12/27/72 4/16/73	6.7 5.7	93.3 94.3	1101
01S/17W-29F01 S 19			80.0	12/21/72 4/16/73	10.0 10.4	70.0 69.6	1101	02S/18W-05C04 S 19			100.0	12/27/72 4/16/73	18.9 7.0	81.1 93.0	1101
01S/17W-29N01 S 19			59.4	12/21/72 4/16/73	28.2 16.4	31.2 43.0	1101	02S/18W-05C05 S 19			125.0	12/27/72	18.2	106.8	1101
01S/17W-29N02 S 19			63.8	12/21/72 4/16/73	26.1 12.8	37.7 51.0	1101	02S/18W-05F01 S 19			200.0	12/27/72 4/16/73	62.0 55.7	138.0 144.3	1101
01S/17W-29P01 S 19			35.0	12/21/72 4/17/73	20.1 18.0	14.9 17.0	1101	ZUMA CANYON HYDRO SUBAREA							
01S/17W-32F01 S 19			19.7	12/21/72 4/17/73	12.6 12.2	7.1 7.5	1101	01S/18W-31N01 S			90.0	12/27/72 4/16/73	79.8 15.1	10.2 74.9	1101
01S/17W-32F02 S 19			21.9	12/21/72 4/17/73	13.6 13.1	8.3 8.8	1101	02S/18W-06F01 S 19			66.6	4/16/73	10.8	55.8	1101
01S/17W-32F03 S 19			16.3	12/21/72 4/17/73	9.9 9.6	6.4 6.7	1101	02S/18W-06F02 S 19			66.0	4/16/73	14.9	51.1	1101
01S/17W-32G01 S 19			12.5	12/21/72 4/17/73	7.8 7.8	4.7 4.7	1101	02S/18W-06M01 S 19			54.0	12/27/72 4/16/73	43.1 23.2	10.9 30.8	1101
01S/17W-32L04 S 19			15.2	12/21/72 4/17/73	9.1 8.9	6.1 6.3	1101	02S/18W-06M02 S 19			45.0	12/27/72 4/16/73	38.0 12.9	7.0 32.1	1101
01S/17W-32L05 S 19			21.0	12/21/72 4/17/73	13.7 14.9	7.3 6.1	1101	TRANCAS CANYON HYDRO SUBAREA							
01S/17W-32L07 S 19			13.0	12/21/72 4/17/73	7.1 7.4	5.9 5.6	1101	01S/19W-29P01 S			275.0	12/27/72 4/16/73	9.6 6.1	265.4 268.9	1101
01S/17W-32M01 S 19			12.5	12/21/72 4/17/73	2.6 2.5	9.9 10.0	1101	01S/19W-29001 S			690.0	12/27/72 4/16/73	NM-2 NM-6		1101
LAS VIRGENES CANYON HYDRO SUBAREA								01S/19W-35P01 S 19			25.0	4/16/73	10.9	14.1	1101
01N/17W-30P02 S 19			703.0	12/26/72 4/17/73	28.0 26.6	675.0 676.4	1101	01S/19W-35002 S 19			23.0	12/27/72 4/16/73	14.8 6.9	8.2 16.1	1101
01N/17W-31C01 S			703.0	12/26/72 4/17/73	28.3 26.8	674.7 676.2	1101	CAMARILLO HYDRO SUBUNIT NICHOLAS CANYON HYDRO SUBAREA							
01N/18W-24J01 S 19			1119.4 1120.5	12/26/72 4/17/73	206.5 203.5	912.9 917.0	1101	01S/19W-30N01 S 19			400.0	12/27/72 4/12/73	118.7 105.6	281.3 294.4	1101
01N/18W-24J02 S 19			1106.4	12/26/72 4/17/73	216.0 208.0	890.4 898.4	1101	APPYON SFOUIT HYDRO SUBAREA							
SHERWOOD HYDRO SUBAREA								01S/20W-25F01 S 19			54.0	12/27/72 4/12/73	28.5 8.0(8)	25.5 46.0	1101
01N/19W-19L02 S 19			1082.0	10/10/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	86.0 89.2 82.4 67.7 62.7 65.2 68.6	996.0 992.8 999.6 1014.3 1019.3 1016.8 1013.4	5121								
01N/19W-28A01 S 56			963.3	10/10/72 12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/25/73	25.2 22.8 4.0 3.3 4.7 13.8 14.1	938.1 940.5 959.3 960.0 958.6 949.5 949.2	5121								
01N/19W-30A01 S 19			998.2	12/08/72 2/27/73 4/10/73 5/30/73 8/09/73 9/28/73	24.0 10.9 6.0 8.1 12.9 15.0	974.2 987.3 992.2 990.1 985.3 983.2	5121								
01N/20W-24H02 S 19			1126.0	10/10/72	60.0	1066.0	5121								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
							U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A2
02S/14W-19K02 S	19		57.0	4/04/73	79.1	-22.1	5050	03S/13W-19J03 S	19		72.3	12/18/72 4/03/73	110.2 109.5	-37.9 -37.2	1101
02S/14W-19K03 S	19		57.0	4/04/73	84.4	-27.4	5050	03S/13W-19K02 S	19		45.0	4/09/73	79.6	-34.6	5050
02S/14W-19M02 S	19		30.0	12/14/72 4/18/73	51.8 51.6	-21.8 -21.6	1101	03S/13W-19Q03 S			48.0	4/11/73	NM-5		5050
02S/14W-27M01 S	19		155.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	226.2(6) 227.3(6) 228.7(6) 230.7(6) 225.7(6) 227.7(6) 223.8 226.7(6) 229.7(6) 227.7(6) 227.7(6) 227.7(6)	-71.2 -72.3 -73.7 -75.7 -70.7 -72.7 -68.8 -71.7 -74.7 -72.7 -72.7 -72.7	5061	03S/13W-20C01 S	19		104.2	4/09/73	143.9	-39.7	5050
								03S/13W-29A02 S	19		67.0	4/09/73	105.4	-38.4	5050
								03S/13W-29C0A S	19		53.7	4/10/73	128.1(4)	-74.4	5050
								03S/13W-29D0A S			49.0	4/17/73	126.0	-77.0	5050
								03S/13W-29D07 S	19		49.0	4/17/73	128.5	-79.5	5050
								03S/13W-29F03 S	19		44.0	4/10/73	61.2	-17.2	5050
02S/14W-27P02 S	19		162.0	12/13/72 4/17/73	239.3 240.0	-77.3 -78.0	1101	03S/13W-29F11 S			50.0	4/10/73	95.0(4)	-45.0	5050
02S/14W-28F01 S	19		108.0	4/04/73 5/24/73 6/28/73	140.4 138.2(6) 140.2(6)	-32.4 -30.2 -32.2	5050 5061	03S/13W-29G03 S	19		61.0	4/10/73	101.6	-40.6	5050
02S/14W-28L01 S	19		124.0	4/12/73	162.6	-38.6	5050	03S/13W-29G0A S	19		61.0	4/10/73	115.7(4)	-54.7	5050
02S/14W-28M01 S			100.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 4/04/73	NM-6 NM-6 NM-6 NM-6 NM-6 NM-6		5061	03S/13W-30A1A S	19		43.0	4/11/73	112.5	-69.5	5050
								03S/13W-30M02 S	19		41.2	12/18/72 4/03/73	73.5 69.1	-32.3 -27.9	1101
02S/14W-29H01 S			87.5 90.0 87.5	10/31/72 11/30/72 1/27/73 4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	133.2(5) 129.2(5) 132.2(5) 123.5 118.2(6) 122.2(6) 120.2(6) 124.2(6) 124.2(6)	-45.7 -41.7 -44.7 -33.5 -30.7 -34.7 -32.7 -36.7 -36.7	5061 5050 5061	03S/13W-30J01 S	19		36.2	4/10/73	104.7	-68.5	5050
								03S/13W-30J05 S	19		35.0	4/10/73	70.1	-35.1	5050
								03S/13W-30K01 S	19		39.5	4/11/73	70.3	-30.8	5050
								03S/13W-30Q07 S			30.5	12/18/72 4/03/73	64.5 63.9	-34.0 -33.4	1101
								03S/13W-31R07 S			26.0	4/11/73	72.0	-46.0	5050
								03S/13W-31K01 S			20.0	4/05/73	NM-7		5050
								03S/13W-31K02 S	19		15.0	4/05/73	15.1	-0.1	5050
02S/14W-32C02 S	19		102.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 3/28/73 4/26/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	158.4(5) 163.4(5) 133.4(5) 161.4(5) 159.4(5) 174.9(5) 137.4 173.4(5) 177.4(5) 178.4(5) 175.4(5) 176.4(5)	-56.4 -61.4 -31.4 -59.4 -57.4 -72.9 -35.4 -71.4 -75.4 -76.4 -73.4 -74.4	5061 5050 5061	03S/13W-32C01 S	19		34.9	4/05/73	67.4	-32.5	5050
								03S/13W-32F02 S	19		25.0	4/11/73	70.9	-45.9	5050
								03S/13W-32F02 S	19		46.0	4/05/73	114.2	-68.2	5050
								03S/14W-02D01 S			136.0	4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	236.2 234.4(6) 235.4(6) 234.4(6) 211.4(6) 225.4(6)	-100.2 -98.4 -99.4 -98.4 -75.4 -89.4	5050 5061
02S/14W-32F01 S	19		99.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 3/28/73 4/26/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	184.7(5) 183.7(5) 186.7(5) 186.7(5) 181.7(5) 198.0(5) 159.7(1) 196.7(5) 196.7(5) 190.7(5) 165.7(5) 166.7(5)	-85.7 -84.7 -87.7 -87.7 -82.7 -99.0 -60.7 -97.7 -97.7 -91.7 -66.7 -67.7	5061 5050 5061	03S/14W-03H01 S	19		91.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	328.3(5) 332.3(5) 330.3(5) 332.3(5) 330.3(5) 329.3(6) 331.3(5) 320.3(5) 328.3(6) 332.3(6) 325.3(5)	-237.3 -241.3 -239.3 -241.3 -239.3 -238.3 -240.3 -229.3 -237.3 -241.3 -234.3	5061 5050 5061
02S/14W-34C01 S			142.0	4/04/73	235.0	-93.0	5050	03S/14W-03K01 S			76.0	10/28/72 12/28/72 1/28/73 2/21/73 3/28/73 4/03/73 5/28/73 6/14/73 7/28/73 8/28/73 9/28/73	226.0(1) 226.0(1) 228.0(1) 228.0(1) 145.0(5) 142.0(1) 234.0(1) 236.0(1) 141.0(5) 143.0(5) 249.0(1)	-150.0 -150.0 -152.0 -152.0 -69.0 -66.0 -158.0 -160.0 -65.0 -67.0 -173.0	5061
02S/14W-34C02 S	19		147.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	236.1(6) 231.1(6) 233.1(6) 234.1(6) 234.1(6) 234.1(6) 237.6 232.1(6) 237.1(6) 241.1(6) 242.1(6) 238.1(6)	-89.1 -84.1 -86.1 -87.1 -87.1 -87.1 -90.6 -85.1 -90.1 -95.1 -95.1 -91.1	5061 5050 5061	03S/14W-03K02 S				10/28/72 12/28/72 1/28/73 2/21/73 3/28/73 4/03/73 5/28/73 6/14/73 7/28/73 8/28/73 9/21/73	148.0(5) 139.0(5) 141.0(5) 233.0(1) 231.0(1) 230.0(1) 239.0(1) 240.0(1) 240.0(1) 238.0(1) 144.0(5)	-72.0 -63.0 -65.0 -157.0 -155.0 -154.0 -163.0 -164.0 -164.0 -162.0 -68.0	5061
02S/14W-34L02 S			137.0	4/04/73	238.0	-101.0	5050	03S/14W-03K03 S			76.0	12/28/72 1/28/73 2/07/73 3/28/73 4/28/73 5/28/73 6/14/73	187.0(1) 190.0(1) 190.0(1) 165.0(1) 166.0(1) 165.0(1) 166.0(1)	-111.0 -114.0 -114.0 -89.0 -90.0 -89.0 -90.0	5061
02S/15W-34F01 S	19		60.8	12/14/72 4/18/73	50.6 63.2	10.2 -2.4	1101								
02S/15W-36H01 S	19		105.2	10/25/72 4/09/73	132.9 132.6	-27.7 -27.4	1104								
03S/13W-18G02 S	19		131.2	4/11/73	200.3	-69.1	5050								
03S/13W-19D01 S	19		70.0	12/13/72 4/17/73	118.3 104.0	-48.3 -34.0	1101								
03S/13W-19D02 S			81.0	12/13/72 4/17/73	124.0 118.3	-43.0 -37.3	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA U-05 PL OF LA CO HYDRO SUBUNIT U-05.A2								LA-SAN GABRIEL RIVER HYDRO UNIT U-05.A WEST COAST HYDRO SUBAREA U-05.A2							
03S/14W-03K03 S (CONTINUED)			76.0	7/14/73 8/28/73 9/28/73	165.0(1) 163.0(1) 164.0(1)	-89.0 -87.0 -88.0	5061	03S/14W-11D01 S 19 (CONTINUED)			116.0	3/09/73 4/05/73 5/07/73 7/02/73 8/08/73 9/04/73	147.7 149.6 148.3 148.4 148.5 148.3	-31.7 -33.6 -32.3 -32.4 -32.5 -32.3	1101 5050 1101
03S/14W-04N01 S			74.0	10/21/72 12/24/72 1/28/73 2/28/73 3/28/73 4/03/73 5/28/73 6/28/73 7/14/73 8/20/73	193.0(1) 192.0(1) 193.0(1) 192.0(1) 192.0(1) 187.0(1) 150.0(5) 195.0(1) 193.0(1) 138.0(5)	-119.0 -118.0 -119.0 -118.0 -118.0 -113.0 -76.0 -121.0 -119.0 -64.0	5061	03S/14W-11G02 S 19			160.0	4/03/73	354.9(1)	-204.9	5050
03S/14W-04N02 S 19			74.0	10/12/72 11/09/72 12/11/72 1/09/73 2/16/73 3/09/73 4/03/73 5/07/73 7/02/73 8/08/73 9/04/73	152.4 152.0 148.7 150.3 149.4 148.2 153.0(1) 145.0 143.4 144.4 143.9	-78.4 -78.0 -74.7 -76.3 -75.4 -74.2 -79.0 -71.0 -69.4 -70.4 -69.9	1101	03S/14W-11J02 S 19			50.0	4/05/73	240.7	-80.7	5050
03S/14W-07R02 S			98.5	11/03/72 4/11/73	110.5 109.8	-12.0 -11.3	1101	03S/14W-11N01 S 19			127.0	12/13/72 4/17/73	77.3 76.8	-27.3 -26.8	1101
03S/14W-07R03 S 19			98.5	11/03/72 4/11/73	109.9 109.8	-11.4 -11.3	1101	03S/14W-13R02 S			127.0	10/21/72 12/28/72 4/03/73 6/21/73 8/28/73 9/28/73	329.0(1) 218.0(5) 209.5(1) 306.0(1) 306.0(1) 223.0(5)	-202.0 -91.0 -82.5 -179.0 -179.0 -96.0	5061
03S/14W-07D01 S 19			104.2	11/03/72 4/04/73	106.0 105.6	-1.8 -1.4	1101	03S/14W-13J03 S 19			83.0	10/28/72 12/28/72 1/28/73 2/28/73 4/03/73 6/28/73 7/14/73 8/20/73 9/21/73	222.7(1) 165.7(5) 164.7(5) 160.7(5) 168.7(5) 228.7(1) 220.7(1) 223.2(1) 170.7(5)	-139.7 -82.7 -81.7 -77.7 -85.7 -145.7 -137.7 -140.2 -87.7	5061
03S/14W-07D02 S			104.2	11/03/72 4/17/73	105.2 104.9	-1.0 -0.7	1101	03S/14W-13J04 S 19			82.0	10/28/72 12/28/72 1/28/73 2/28/73 3/28/73 4/28/73 6/21/73 7/28/73 8/17/73 9/21/73	167.5(5) 166.5(5) 166.5(5) 253.5(1) 162.5(5) 146.5(5) 243.5(1) 163.5(5) 236.5(1) 231.5(1)	-85.5 -84.5 -84.5 -171.5 -80.5 -64.5 -161.5 -81.5 -154.5 -149.5	5061
03S/14W-07M01 S 19			111.2	11/03/72 4/11/73	107.9 108.1	3.3 3.1	1101	03S/14W-14A01 S			84.0	5/28/73 7/28/73	NM-9 NM-9		5061
03S/14W-07M02 S			111.2	11/03/72 4/11/73	113.2 109.2	-2.0 2.0	1101	03S/14W-14D01 S				4/03/73	218.8(1)	-168.8	5050
03S/14W-07P01 S 19			104.6	11/03/72 4/04/73	103.6 105.1	1.0 -0.5	1101	03S/14W-15R01 S			52.0	12/13/72 4/17/73	101.1(2) 91.5	-49.1 -39.5	1101
03S/14W-07P02 S 19			104.6	11/03/72 4/04/73	106.3 107.3	-1.7 -2.7	1101	03S/14W-17F02 S 19			90.0	12/13/72 4/17/73	108.2 108.8	-18.2 -18.8	1101
03S/14W-09N04 S			80.1	4/02/73	NM-1		5050	03S/14W-17G02 S			87.0	4/04/73	124.0	-37.0	5050
03S/14W-09N05 S 19			95.5	10/20/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/02/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	146.0(5) 146.0(5) 146.0(5) 143.0(5) 144.0(5) 144.0(5) 136.5 143.0(5) 143.0(5) 142.0(5) 142.0(5) 145.0(5)	-50.5 -50.5 -50.5 -47.5 -48.5 -48.5 -40.1 -47.5 -47.5 -46.5 -46.5 -49.5	5061	03S/14W-18P01 S 19			93.7	11/02/72 4/04/73	96.1 96.9	-2.4 -3.2	1101
03S/14W-09P01 S 19			81.2	10/19/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/09/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	122.3 134.2(5) 134.2(5) 136.2(5) 133.2(5) 133.2(5) 127.8 136.2(5) 134.2(5) 134.2(5) 134.2(5) 136.2(5)	-41.1 -53.0 -53.0 -55.0 -52.0 -52.0 -46.6 -55.0 -53.0 -53.0 -53.0 -55.0	5061	03S/14W-18C01 S 19			98.8	11/02/72 4/04/73	97.4 99.5	1.4 -0.7	1101
03S/14W-09Q03 S			66.0	10/19/72 11/30/72 12/29/72 1/31/73 2/28/73	NM-6 NM-6 NM-6 NM-6 NM-6		5061	03S/14W-18K01 S			93.0	4/04/73	NM-7		5050
03S/14W-10G02 S 19			62.0	10/16/72 11/30/72 12/27/72 1/27/73 2/25/73 4/02/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	142.9(5) 250.6(6) 251.6(6) 238.6(6) 250.6(6) 134.6 133.6(6) 136.6(6) 132.6(6) 135.6(6) 134.6(6)	-80.9 -188.6 -189.6 -176.6 -188.6 -72.6 -71.6 -74.6 -70.6 -73.6 -72.6	5061	03S/14W-18M02 S 19			98.8	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/27/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	99.9 91.2 90.0 92.9 92.6 93.3 91.8 90.9 92.1 93.2 90.0 89.8	-1.1 7.4 8.8 5.9 6.2 5.5 7.0 7.4 6.7 5.6 8.8 9.0	1101
03S/14W-11D01 S 19			116.0	10/12/72 11/09/72 12/11/72 1/09/73 2/16/73	148.6 148.3 148.1 147.9 147.8	-32.6 -32.3 -32.1 -31.9 -31.8	1101	03S/14W-18N05 S 19			112.0	4/11/73	107.7	4.3	5050
								03S/14W-19R01 S 19			88.8	11/03/72 4/04/73	92.3 94.5	-3.5 -5.7	1101
								03S/14W-19R03 S 19			88.8	11/03/72 4/04/73	92.3 93.7	-3.5 -4.9	1101
								03S/14W-19C02 S 19			85.8	11/03/72 4/04/73	85.9 82.8	-0.1 3.0	1101
								03S/14W-19C03 S 19			85.8	11/03/72 4/04/73	83.4 85.0	2.4 0.8	1101
								03S/14W-19C04 S 19			85.8	11/03/72 4/04/73	77.4 78.2	8.4 7.6	1101
								03S/14W-19E01 S			148.7	11/03/72 4/11/73	145.2 144.9	3.5 3.8	1101
								03S/14W-19E02 S 19			148.7	11/03/72 4/11/73	145.0 144.5	3.7 4.2	1101
								03S/14W-19E03 S 19			148.7	11/03/72 4/11/73	136.4 136.3	12.3 12.4	1101
								03S/14W-20P01 S			73.8	4/04/73	85.3	-11.5	5050

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SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A2							
03S/14W-21R02 S 19			60.5	10/12/72	99.6	-39.1	1101	03S/14W-25P04 S (CONTINUED)			25.0	2/28/73	135.0(1)	-110.0	5061
				11/09/72	95.8	-35.3						3/28/73	101.0(5)	-76.0	
				12/11/72	94.2	-33.7						4/12/73	104.7	-79.7	5050
				1/09/73	96.2	-35.7						5/28/73	134.0(1)	-109.0	5061
				2/16/73	95.9	-35.4						6/14/73	103.0(5)	-78.0	
				3/09/73	94.7	-34.2						7/28/73	106.0(5)	-81.0	
				4/11/73	96.0	-35.5						8/28/73	150.0(1)	-125.0	
				5/07/73	94.9	-34.4						9/28/73	154.0(1)	-129.0	
				7/02/73	95.4	-34.9		03S/14W-25002 S 19			20.6	12/18/72	9.5	11.1	1101
				8/08/73	96.2	-35.7						4/03/73	9.7	10.9	
				9/04/73	96.0	-35.5		03S/14W-27C01 S 19			45.0	4/05/73	77.2	-32.2	5050
03S/14W-21F01 S 19			62.5	4/03/73	82.1	-19.6	1101	03S/14W-27005 S			56.3	4/04/73	85.3	-29.0	5050
03S/14W-21M01 S				10/14/72	94.0(5)	-32.0	5061	03S/14W-29003 S 19			88.0	4/10/73	100.8	-12.8	5050
				12/28/72	92.0(5)	-30.0		03S/14W-29F01 S 19			77.3	10/24/72	91.1(5)	-13.8	1101
				1/28/73	168.0(1)	-106.0						12/04/72	110.0(1)	-32.7	
				2/28/73	92.0(5)	-30.0						1/02/73	91.0(5)	-13.7	
				3/28/73	91.0(5)	-29.0						2/07/73	109.0(1)	-31.7	
				4/03/73	176.0(1)	-114.0	5050					5/07/73	106.0(5)	-28.7	
				5/21/73	90.0(5)	-28.0	5061					7/01/73	91.0(5)	-13.7	
				6/28/73	181.0(1)	-119.0						8/01/73	91.0(5)	-13.7	
				8/28/73	91.0(5)	-29.0						9/30/73	111.0(1)	-33.7	
				9/14/73	92.0(5)	-30.0		03S/14W-29J01 S			95.0	10/24/72	116.0(5)	-21.0	1101
03S/14W-22A01 S			48.0	10/28/72	173.0(1)	-125.0	5061					12/04/72	128.7(1)	-33.7	
				12/28/72	176.0(1)	-128.0						1/02/73	107.7(5)	-12.7	
				1/28/73	177.0(1)	-129.0						2/07/73	127.7(1)	-32.7	
				2/21/73	175.0(1)	-127.0						5/07/73	111.7(5)	-16.7	
				3/28/73	98.0(5)	-50.0						7/01/73	107.7(5)	-12.7	
				4/03/73	177.0(1)	-129.0	5050					8/01/73	107.7(5)	-12.7	
				5/28/73	108.0(5)	-60.0	5061					9/30/73	127.7(1)	-32.7	
				6/30/73	108.0(5)	-60.0		03S/14W-29M01 S 19			112.8	10/24/72	120.1(5)	-7.3	1101
				7/28/73	192.0(1)	-144.0						4/11/73	122.1	-9.3	5050
				8/28/73	108.0(5)	-60.0		03S/14W-30M02 S 19			116.7	10/31/72	119.6	-2.9	1101
				9/28/73	188.0(1)	-140.0						4/06/73	118.2	-1.5	
03S/14W-22A02 S			50.0	10/28/72	109.0(5)	-59.0	5061	03S/14W-30F01 S 19			156.5	10/31/72	154.2	2.3	1101
				12/28/72	112.0(5)	-62.0						4/06/73	152.8	3.7	
				1/28/73	112.0(5)	-62.0		03S/14W-30F02 S 19			180.0	10/27/72	189.1	-9.1	1101
				2/21/73	182.0(1)	-132.0						11/28/72	183.1	-3.1	
				3/28/73	111.0(5)	-61.0						1/03/73	181.9	-1.9	
				4/03/73	184.0(1)	-134.0	5050					2/27/73	182.2	-2.2	
				5/28/73	186.0(1)	-136.0	5061					3/30/73	182.7	-2.7	
				6/28/73	187.0(1)	-137.0						4/27/73	182.2	-2.2	
				7/28/73	190.0(1)	-140.0						6/01/73	182.0	-2.0	
				8/28/73	192.0(1)	-142.0						7/27/73	183.1	-3.1	
				9/28/73	111.0(5)	-61.0						8/31/73	182.1	-2.1	
03S/14W-22K01 S				10/30/72	91.0(5)	-41.0	1101					9/28/73	180.2	-0.2	
				11/29/72	90.0(5)	-40.0		03S/14W-30G01 S 19			126.0	4/02/73	129.8	-3.8	5050
				3/28/73	96.0(5)	-46.0		03S/14W-30H02 S 19			126.0	4/02/73	135.3	-9.3	5050
			50.0	4/13/73	95.7	-45.7	5050	03S/14W-30M02 S 19			175.6	4/10/73	173.5	2.1	5050
				5/30/73	96.0(6)	-46.0	1101	03S/14W-30M03 S 19			226.1	10/31/72	222.0	4.1	1101
				6/28/73	96.0(6)	-46.0						4/16/73	220.7	5.4	
03S/14W-22L01 S 19			51.0	1/28/73	91.2(5)	-40.2	5061	03S/14W-31A05 S			125.0	4/12/73	NM-7		5050
				2/07/73	119.2(1)	-68.2		03S/14W-31M01 S 19			117.8	4/12/73	113.0	4.8	5050
				3/28/73	88.2(5)	-37.2		03S/14W-31F02 S 19			96.9	10/25/72	98.1	-1.2	1101
				4/03/73	87.2(1)	-36.2	5050					11/29/72	91.7	5.2	
				8/28/73	88.2(5)	-37.2	5061					12/27/72	91.3	5.6	
03S/14W-22Q01 S 19				10/30/72	86.5(5)	-41.5	1101					1/31/73	92.4	4.5	
				11/29/72	86.5(5)	-41.5						2/28/73	92.3	4.6	
				3/28/73	84.5(5)	-39.5						3/28/73	92.1	4.8	
			45.0	4/13/73	82.4	-37.4	5050					4/25/73	91.8	5.1	
				5/31/73	84.5(6)	-39.5	1101					5/30/73	90.8	6.1	
				6/28/73	84.5(6)	-39.5						6/28/73	91.0	5.9	
				7/30/73	86.5(5)	-41.5						7/25/73	91.3	5.6	
				8/30/73	86.5(6)	-41.5						8/29/73	91.0	5.9	
				9/28/73	86.5(6)	-41.5						9/28/73	90.6	6.3	
03S/14W-22R02 S			52.0	10/30/72	82.0(5)	-30.0	1101	03S/14W-31L02 S 19			135.7	11/02/72	130.0	5.7	1101
				11/29/72	83.0(5)	-31.0						4/18/73	129.8	5.9	
				12/28/72	133.5(1)	-81.5	5061	03S/14W-31L03 S 19			169.0	10/25/72	169.9	-0.9	1101
				1/30/73	82.5	-30.5						11/29/72	163.3	5.7	
				2/28/73	132.5(1)	-80.5						12/27/72	162.9	6.1	
				3/28/73	83.0(5)	-31.0	1101					1/31/73	164.3	4.7	
				4/13/73	82.1	-30.1	5050					2/28/73	163.7	5.3	
				5/30/73	83.5	-31.5	5061					3/28/73	163.6	5.4	
				6/28/73	83.5	-31.5						4/25/73	163.3	5.7	
				7/26/73	83.0(6)	-31.0	1101					5/30/73	162.4	6.6	
				8/30/73	83.0(6)	-31.0						6/28/73	162.5	6.5	
				9/28/73	83.0(6)	-31.0						7/25/73	162.8	6.2	
03S/14W-23R02 S 19			49.9	12/18/72	83.0	-33.1	1101					8/29/73	162.6	6.4	
				4/03/73	80.5	-30.6						9/27/73	162.3	6.7	
03S/14W-24F05 S 19			54.5	12/18/72	86.6	-32.1	1101	03S/14W-31L04 S 19			178.3	10/31/72	175.1	3.2	1101
				4/03/73	86.3	-31.8						4/18/73	174.0	4.3	
03S/14W-25F03 S 19			38.7	4/03/73	71.2	-32.5	5050	03S/14W-31M02 S			171.0	12/18/72	DRY		1101
03S/14W-25K06 S 19			30.0	12/18/72	62.5	-32.5	1101								
				4/03/73	61.9	-31.9									
03S/14W-25N02 S 19			39.2	4/04/73	70.4	-31.2	5050								
03S/14W-25P04 S			25.0	10/28/72	141.0(1)	-116.0	5061								
				12/28/72	103.0(5)	-78.0									
				1/28/73	140.0(1)	-115.0									



SOUTHERN CALIFORNIA

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A2							
03S/15W-12R04 S 19 (CONTINUED)			95.9	11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	83.0 82.3 84.5 84.4 84.1 83.4 85.4 84.8 84.6 84.1 83.8	12.9 13.6 11.4 11.5 11.8 12.5 10.5 11.1 11.3 11.8 12.1	1101	03S/15W-24H01 S 19 (CONTINUED)			125.9	4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	111.8 112.0 111.8 112.3 112.2 112.2	14.1 13.9 14.1 13.6 13.7 13.7	1101
03S/15W-13H02 S 19			104.3	4/12/73	10.9(7)	93.4	5050	03S/15W-24H02 S 19			125.9	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/02/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	128.3 119.9 118.3 119.8 119.4 120.0 120.0 118.6 119.1 120.2 118.6 118.3	-2.4 6.0 7.6 6.1 6.5 5.9 5.9 7.3 6.8 5.7 7.3 7.6	1101
03S/15W-13H03 S 19			103.0	4/12/73	15.7(7)	87.3	5050								
03S/15W-13H04 S 19			103.8	11/02/72 4/04/73	96.9 98.2	6.9 5.6	1101								
03S/15W-13H05 S 19			103.8	11/02/72 4/04/73	96.4 97.6	7.4 6.2	1101	03S/15W-24M01 S 19			93.0	4/02/73	86.8	6.2	5050
03S/15W-13H07 S 19			103.8	11/02/72 4/04/73	97.0 97.8	6.8 6.0	1101	03S/15W-24P01 S 19			119.9	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/27/73	115.5 115.5 113.6 114.0 113.6 113.5 113.6 113.6 113.7 113.9 113.6 113.7	4.4 4.4 6.3 5.9 6.3 6.4 6.3 6.3 6.2 6.0 6.3 6.2	1101
03S/15W-13H08 S 19			98.2	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/12/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	99.8 90.5 89.7 92.9 93.0 93.2 94.3 90.4 92.2 93.0 89.1 89.1	-1.6 7.7 8.5 5.3 5.2 5.0 3.9 7.8 6.0 5.2 9.1 9.1	1101								
			71.0 98.2				5050 1101								
03S/15W-13H09 S 19			98.2	11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/12/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	89.7 88.9 91.9 91.8 92.0 93.2 89.9 91.0 92.0 89.0 88.8	8.5 9.3 6.3 6.4 6.2 -5.0 8.3 7.2 6.2 9.2 9.4	1101	03S/15W-24P02 S 19			162.9	4/02/73	157.2	5.7	5050
			71.0 98.2				5050 1101	03S/15W-25A03 S 19			156.0	10/31/72 4/18/73	155.6 153.8	0.4 2.2	1101
03S/15W-13J04 S 19			98.0	4/12/73	98.9	-0.9	5050	03S/15W-25R01 S 19			182.7	11/03/72 4/16/73	177.9 176.3	4.8 6.4	1101
03S/15W-13P01 S 19			113.5	4/11/73	108.1	5.4	5050	03S/15W-25R03 S 19			161.4	11/03/72 4/16/73	157.3 155.2	4.1 6.2	1101
03S/15W-13R02 S 19			153.2	4/12/73	93.4(7)	59.8	5050	03S/15W-25C05 S 19			103.8	4/02/73	99.3	4.5	5050
03S/15W-13R07 S 19			155.7	11/02/72 4/04/73	149.2 152.3	6.5 3.4	1101	03S/15W-25D01 S 19			82.7	4/02/73	78.8	3.9	5050
03S/15W-13R08 S 19			155.7	4/12/73	150.8	4.9	5050	03S/15W-25G03 S 19			90.0	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	88.9 85.4 84.9 85.0 84.4 85.0 84.8 84.8 84.9 84.9 84.7 84.0	1.1 4.4 5.1 5.0 5.6 5.0 5.2 5.1 5.1 5.3 6.0	1101
03S/15W-13R09 S 19			155.7	11/02/72 4/04/73	149.2 149.0	6.5 6.7	1101								
03S/15W-13R10 S 19			158.1	4/12/73	153.9	4.2	5050	03S/15W-25G09 S 19			86.0	4/10/73	79.7	6.3	5050
03S/15W-13R12 S 19			158.1	11/02/72 4/04/73 9/28/73	138.8 139.4 139.1	19.3 18.7 19.0	1101	03S/15W-25G10 S 19			146.5	11/03/72 4/16/73	142.4 140.4	4.1 6.1	1101
03S/15W-24F06 S 19			122.4	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/02/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	121.1 116.7 115.9 116.1 115.6 116.0 116.2 115.1 115.7 116.3 115.7 115.3	1.3 5.7 6.5 6.3 6.8 6.4 6.3 7.3 6.7 6.1 6.7 7.1	1101	03S/15W-25K03 S 19			90.0	11/02/72 4/16/73	85.9 82.5	4.1 7.5	1101
			122.5 122.4				5050 1101	03S/15W-25K07 S 19			135.4	11/03/72 4/16/73	130.7 128.8	4.7 6.6	1101
03S/15W-24G01 S 19			122.4	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	113.6 111.7 110.9 111.1 111.0 111.2 110.8 110.9 110.8 111.1 111.0 110.8	8.8 10.7 11.5 11.3 11.4 11.2 11.6 11.5 11.6 11.3 11.4 11.6	1101	03S/15W-25K14 S 19			71.0	10/26/72 11/29/72 12/27/72	67.9 64.3 63.7	3.1 6.7 7.3	1101
								03S/15W-25L01 S 19			73.4	11/03/72 4/16/73	69.4 67.0	4.0 6.4	1101
								03S/15W-25L02 S 19			94.4	4/02/73	88.8	5.6	5050
								03S/15W-25Q03 S 19			72.5	4/10/73	66.3	6.2	5050
								03S/15W-25R01 S 19			137.8	11/03/72 4/16/73	133.1 131.1	4.7 6.7	1101
								03S/15W-25R04 S 19			70.6	4/10/73	63.2	7.4	5050
								03S/15W-27L01 S 19			62.0	12/11/72 2/06/73 4/16/73 5/01/73 6/14/73 8/22/73 9/05/73	68.4 49.5 42.5 70.0 47.5 39.5 57.5	-6.4 12.5 19.5 -8.0 14.5 22.5 4.5	1101
03S/15W-24H01 S 19			125.9	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73	115.8 112.5 111.4 112.0 111.9 112.2	10.1 13.4 14.5 13.9 14.0 13.7	1101	03S/15W-36A02 S 19			64.2	10/26/72 11/29/72 12/27/72 1/31/73	61.5 57.8 57.2 58.2	2.7 6.4 7.0 6.0	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A2							
03S/15W-36A02 S 19 (CONTINUED)			64.2	2/28/73 3/28/73 4/10/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	58.0 57.9 58.7 57.5 57.5 57.8 57.7 57.2	6.2 6.3 5.5 6.7 6.7 6.4 6.5 7.0	1101	04S/13W-10F03 S 19 (CONTINUED)			26.0	4/10/73 5/23/73 6/15/73	75.1(5) 78.1(5) 78.1(5)	-49.1 -52.1 -52.1	5061
03S/15W-36H03 S 19			58.2	10/26/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/25/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	56.5 52.6 52.0 53.1 51.4 52.8 52.5 52.2 52.2 52.3 52.2 52.1	1.7 5.6 6.2 5.1 6.8 5.4 5.7 6.0 6.0 5.9 6.0 6.1	1101	04S/13W-10H01 S			31.9	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/16/73	63.2 62.8 62.7 62.3 62.3 62.0 61.9 61.8 61.5 NM-6 DRY	-31.3 -30.9 -30.8 -30.4 -30.4 -30.1 -30.0 -29.9 -29.6	420A
04S/12W-30P01 S 19			7.7	12/15/72 4/02/73	16.6 16.1	-8.9 -8.4	1101	04S/13W-10L01 S 19			28.0	12/13/72 4/09/73	16.2 15.5	11.8 12.5	1101
04S/12W-32G01 S 19			38.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/09/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	44.5 44.4 44.5 45.3 44.6 44.7 43.7 44.4 44.8 44.8 44.5 44.4	-6.5 -6.4 -6.5 -7.3 -6.6 -6.7 -5.7 -6.4 -6.8 -6.8 -6.5 -6.4	4206	04S/13W-11D01 S			35.0	4/12/73	64.0	-29.0	5050
04S/13W-02P01 S 19			38.7	4/05/73	67.6	-28.9	5050	04S/13W-11K01 S			34.6	12/13/72 4/09/73	64.6 64.0	-30.0 -29.4	1101
04S/13W-06O01 S			22.0	4/04/73	NM-7		5050	04S/13W-11K03 S 19			34.0	4/12/73	71.4	-37.4	5050
04S/13W-07H01 S 19			20.3	10/10/72 11/09/72 12/12/72 1/08/73 4/12/73 5/07/73 7/02/73 8/08/73 9/05/73	95.6(8) 92.4(8) 91.5(8) 91.9(8) 91.0(8) 92.6(8) 94.1(8) 95.7(8) 94.3(8)	-75.3 -72.1 -71.2 -71.6 -70.7 -72.3 -73.8 -75.4 -74.0	1101	04S/13W-14A07 S			28.0	4/16/73	NM-7		5050
04S/13W-08G02 S 19			8.9	12/18/72 4/04/73	51.5 51.2	-42.6 -42.3	1101	04S/13W-14H03 S 19			43.2	12/13/72 4/09/73	75.7 75.7	-32.5 -32.5	1101
04S/13W-08J03 S 19			18.0	10/10/72 11/09/72 12/12/72	11.8 11.9 11.9	6.2 6.1 6.1	1101	04S/13W-14L01 S 19			29.0	10/18/72 11/17/72 12/20/72 1/23/73 2/14/73 3/14/73 4/25/73 5/16/73 6/13/73 7/18/73 8/15/73 9/19/73	62.4 63.6 62.1 68.7 63.2 62.0 61.4 63.2 61.1 63.6 65.1 60.4	-33.4 -34.6 -33.1 -39.7 -34.2 -33.0 -32.4 -34.2 -32.1 -34.6 -36.1 -31.4	420A
04S/13W-08P01 S 19			12.1	12/18/72 4/09/73	23.9 23.6	-11.8 -11.5	1101	04S/13W-14O08 S 19			25.9	12/13/72 4/09/73	2.3 4.1	23.6 21.4	1101
04S/13W-09A01 S			23.8	10/13/72 11/29/72 12/22/72 1/25/73 2/18/73	NM-6 NM-6 NM-6 NM-6 NM-6		5061	04S/13W-15C01 S 19			24.0	4/12/73	153.1(5)	-129.1	5050
04S/13W-09F01 S 19			23.0	4/12/73 5/07/73 7/02/73	9.6 9.5 9.7	13.4 13.5 13.3	1101	04S/13W-15N01 S 19			20.0	10/31/72 12/12/72 1/02/73 2/01/73 3/01/73 4/05/73 5/01/73 6/01/73 7/02/73 8/01/73	155.8 154.8 152.8 152.8 153.8 154.3 154.8 149.8 163.8 167.8	-135.8 -134.8 -132.8 -132.8 -133.8 -134.3 -134.8 -129.8 -143.8 -147.8	5061
04S/13W-09H02 S 19			25.7	10/13/72 11/29/72 12/22/72 1/25/73 2/18/73 3/16/73 4/10/73 5/23/73 6/15/73	216.0(1) 140.0(5) 150.0(5) 150.0(5) 279.0(1) 279.0(1) 279.0(1) 155.0(5) 254.0(1)	-190.3 -114.3 -124.3 -124.3 -253.3 -253.3 -253.3 -129.3 -228.3	5061	04S/13W-15O05 S 19			25.0	12/18/72 4/09/73	65.1 64.7	-40.1 -39.7	1101
04S/13W-10R02 S			30.0	4/05/73	61.0	-31.0	5050	04S/13W-15P03 S			20.0	4/09/73	55.0	-35.0	5050
04S/13W-10C02 S 19			27.1	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/02/73 8/01/73 9/04/73	174.0 133.0 131.0 131.0 130.0 130.0 132.0 134.0 131.0 132.0 134.0	-106.9 -105.9 -103.9 -103.9 -102.9 -102.9 -104.9 -106.9 -103.9 -104.9 -106.9	5061	04S/13W-16F02 S 19			16.3	12/18/72 4/09/73	45.2 44.6	-28.9 -28.3	1101
04S/13W-10E02 S			25.0	4/10/73	61.0	-36.0	5050	04S/13W-17D01 S 19			27.0	4/16/73	100.4	-73.4	5050
04S/13W-10E03 S 19			26.0	12/22/72 1/31/73 2/18/73 3/16/73	77.1(5) 80.1(5) 76.1(5) 76.1(5)	-51.1 -54.1 -50.1 -50.1	5061	04S/13W-19R01 S 19			40.0	4/04/73	101.7	-61.7	5050
								04S/13W-19J02 S 19			44.3	10/17/72 11/09/72 12/12/72 1/09/73 2/15/73 3/05/73 4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	111.2 108.0 107.1 106.8 105.3 105.3 108.5 109.4 110.2 111.8 108.8	-66.9 -63.7 -62.8 -62.5 -61.0 -61.0 -64.2 -65.1 -65.9 -67.5 -64.5	1101
								04S/13W-19J06 S 19			40.0	4/04/73	102.2(4)	-62.2	5050
								04S/13W-20K01 S			37.0	4/04/73	102.1	-65.1	5050
								04S/13W-21A01 S			16.0	12/18/72 4/09/73	39.0 39.8	-23.0 -23.8	1101
								04S/13W-21H02 S 19			35.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	130.2 130.2 127.9 128.1 129.7 131.1 134.8 134.3 138.9	-95.2 -95.2 -92.9 -93.1 -94.7 -96.1 -99.8 -99.3 -103.9	5061
								04S/13W-21H03 S 19			34.0	12/15/72	94.1	-60.1	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
04S/13W-21H03 S 19			34.0	4/09/73	93.8	-59.8	1101	04S/13W-22P01 S (CONTINUED)			16.0	8/01/73 9/01/73	119.0 117.0	-103.0 -101.0	5061
04S/13W-21H05 S 19			21.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	119.4 119.4 116.9 117.1 118.0 119.2 122.9 122.4 126.5	-98.4 -98.4 -95.9 -96.1 -97.0 -98.2 -101.9 -101.4 -105.5	5061	04S/13W-22003 S 19			15.3	4/10/73	111.5	-96.2	5050
								04S/13W-22004 S 19			15.5	4/11/73	110.7	-95.2	5050
04S/13W-21H06 S			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.0 117.0 114.7 114.9 116.1 117.2 120.2 119.8 124.6	-97.0 -97.0 -94.7 -94.9 -96.1 -97.2 -100.2 -99.8 -104.6	5061	04S/13W-22006 S 19			13.3	10/30/72 11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	57.0 54.7 55.0 55.1 54.6 54.4 53.7 54.3 54.5 54.9 55.1 54.1	-43.7 -41.4 -41.7 -41.8 -41.3 -41.1 -40.4 -41.0 -41.2 -41.6 -41.8 -40.8	1101
04S/13W-21J02 S 19			34.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	130.2 129.7 127.4 127.4 128.6 129.7 133.9 133.2 136.4	-96.2 -95.7 -93.4 -93.4 -94.6 -95.7 -99.9 -99.2 -102.4	5061	04S/13W-22007 S 19			13.3	10/30/72 11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	55.6 54.1 54.5 55.0 54.1 53.9 53.1 53.7 53.7 53.9 54.3 53.3	-42.3 -40.8 -41.2 -41.7 -40.8 -40.6 -39.8 -40.4 -40.4 -40.6 -41.0 -40.0	1101
04S/13W-21P01 S 19			31.0	10/13/72 11/29/72 12/26/72 2/07/73 3/16/73 4/10/73 5/20/73 6/18/73 8/03/73	135.5(5) 128.5(5) 130.5(5) 132.5(5) 129.5(5) 167.9 140.5(5) 150.5(1) 138.5(5)	-104.5 -97.5 -99.5 -101.5 -98.5 -136.9 -109.5 -119.5 -107.5	5061	04S/13W-22008 S 19			13.3	11/22/72 4/11/73	56.2 55.2	-42.9 -41.9	1101
								04S/13W-23N03 S 19			17.4	4/11/73	112.5	-95.1	5050
04S/13W-21P02 S 19			39.8	10/13/72 11/29/72 12/26/72 2/07/73 3/16/73 4/10/73 5/20/73 6/18/73 8/04/73	147.7(1) 148.7(5) 137.7(5) 152.7(5) 170.7(1) 137.1 148.7(5) 142.7(5) 146.7(5)	-107.9 -108.9 -97.9 -112.9 -130.9 -97.3 -108.9 -102.9 -106.9	5061	04S/13W-23N04 S 19			17.4 17.5	11/22/72 4/11/73	49.3 47.1	-31.9 -29.6	1101 5050
								04S/13W-23N05 S 19			17.4	11/22/72 4/12/73	51.6 50.5	-34.2 -33.1	1101
04S/13W-22F01 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 116.9 114.8 115.1 116.0 117.1 120.4 120.1 123.8	-97.1 -96.9 -94.8 -95.1 -96.0 -97.1 -100.4 -100.1 -103.8	5061	04S/13W-25F01 S 19			13.1	11/27/72 4/04/73	40.7 43.1	-27.6 -30.0	1101 5050
								04S/13W-26A03 S 19			32.3	12/13/72 4/09/73	63.1 62.0	-30.8 -29.7	1101
04S/13W-22F02 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 116.9 114.8 115.1 116.0 117.1 120.4 120.1 123.8	-97.1 -96.9 -94.8 -95.1 -96.0 -97.1 -100.4 -100.1 -103.8	5061	04S/13W-26A04 S 19			31.8	11/27/72 4/12/73	61.5 60.2	-29.7 -28.4	1101
								04S/13W-26F06 S 19			12.9	11/27/72 4/12/73	46.8 46.5	-33.9 -33.6	1101
04S/13W-22F03 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061	04S/13W-26F07 S 19			12.8	11/27/72 4/03/73	41.5 40.3	-28.7 -27.5	1101
								04S/13W-26P02 S 19			10.3	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/09/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	35.7 34.5 34.3 32.9 32.9 33.7 36.3 38.5 33.0 32.9 32.5 34.0	-25.4 -24.2 -24.0 -22.6 -22.6 -23.4 -26.0 -28.2 -22.7 -22.6 -22.2 -23.7	4204
04S/13W-22F04 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061	04S/13W-26R01 S 19			27.3	11/27/72 4/12/73	59.4 59.3	-32.1 -32.0	1101
04S/13W-22F05 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061	04S/13W-26R03 S 19			27.4	11/27/72 4/03/73	53.6 52.9	-26.2 -25.5	1101
04S/13W-22F06 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061	04S/13W-27R02 S 19			14.9	10/30/72 11/22/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	52.7 52.2 51.6 52.0 51.5 51.2 51.2 51.3 51.9 52.2 52.3	-37.8 -37.3 -36.7 -37.1 -36.6 -36.3 -36.3 -36.4 -37.0 -37.3 -37.4	1101
04S/13W-22F07 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061	04S/13W-27R03 S 19			14.9	10/30/72 11/27/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	45.4 44.4 43.9 45.4 44.8 44.4 44.0 43.6 43.3 44.5 44.9 45.1	-30.5 -29.5 -29.0 -30.5 -29.9 -29.5 -29.1 -28.7 -28.4 -29.6 -30.0 -30.2	1101
04S/13W-22F08 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F09 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F10 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F11 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F12 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F13 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F14 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F15 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F16 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F17 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F18 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F19 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F20 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F21 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F22 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F23 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F24 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.1 117.1 114.6 114.8 115.9 117.1 120.1 119.6 124.5	-97.1 -97.1 -94.6 -94.8 -95.9 -97.1 -100.1 -99.6 -104.5	5061								
04S/13W-22F25 S 19			20.0	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 											



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/13W-27804 S 19			14.9	11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	41.0 40.2 39.9 40.0 39.6 39.5 38.5 37.8 38.4 38.3 38.6	-26.1 -25.3 -25.0 -25.1 -24.7 -24.6 -23.6 -22.9 -23.5 -23.4 -23.7	1101	04S/13W-27K05 S (CONTINUED)			14.2	12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73	37.2 39.1 38.9 37.9 37.4 37.1 38.2 38.2	-23.0 -24.9 -24.7 -23.7 -23.2 -22.9 -24.0 -24.0	1101
04S/13W-27805 S 19			14.7	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 3/26/73 4/24/73 5/29/73 6/26/73 7/31/73 8/28/73	50.5 49.6 49.6 50.5 49.1 48.8 48.8 48.5 48.0 49.3 49.8	-35.8 -34.9 -34.9 -35.8 -36.4 -34.1 -34.1 -33.8 -33.3 -34.6 -35.1	1101	04S/13W-27M01 S			30.4	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9		5061
04S/13W-27C01 S			35.6	11/22/72 4/11/73	76.6 75.9	-41.0 -40.3	1101	04S/13W-27M03 S			31.2	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9		5061
04S/13W-27D02 S 19			26.0	11/22/72 4/11/73	73.9 71.3	-47.9 -45.3	1101	04S/13W-27M04 S			32.7	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9		5061
04S/13W-27D06 S 19			13.7	10/30/72 11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	52.0 51.4 51.7 52.2 51.2 50.8 51.2 51.6 52.4 53.8 53.8	-38.3 -37.7 -38.0 -38.5 -37.5 -37.1 -37.5 -37.9 -38.7 -40.1 -40.1	1101	04S/13W-27N02 S 19			28.9	11/27/72 4/12/73	69.6 70.0	-40.7 -41.1	1101
04S/13W-27F02 S 19			39.0	11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	84.6 84.2 84.3 83.9 83.7 83.9 84.0 84.0 84.9 84.7 84.2	-45.6 -45.2 -45.3 -44.9 -44.7 -44.9 -45.0 -45.0 -45.9 -45.7 -45.2	1101	04S/13W-27N03 S 19			28.9	11/27/72 4/12/73	65.8 65.6	-36.9 -36.7	1101
04S/13W-27H01 S 19			11.2	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/11/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	40.4 39.5 39.1 39.5 39.4 38.8 41.1 38.4 37.5 38.5 38.4 38.5	-29.2 -28.3 -27.9 -28.3 -28.2 -27.6 -27.1 -27.2 -26.3 -27.3 -27.2 -27.3	4206	04S/13W-27N04 S 19			28.9	11/27/72 4/12/73	63.4 62.3	-34.5 -33.4	1101
04S/13W-27H02 S 19			13.4	7/31/73 8/30/73 9/27/73	49.8 49.9 49.9	-36.4 -36.5 -36.5	1101	04S/13W-27N05 S 19			28.0	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 8/01/73	122.8 138.8 141.8(1) 143.8(1) 120.8 162.8(1)	-94.8 -110.8 -113.8 -115.8 -92.8 -134.8	5061
04S/13W-27J02 S 19			8.9	11/22/72 12/29/72 1/31/73 3/01/73 4/12/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	36.2 35.5 36.4 36.2 35.6 35.1 34.9 35.7 35.6 35.7	-27.3 -26.6 -27.5 -27.3 -26.7 -26.2 -26.0 -26.8 -26.7 -26.8	1101	04S/13W-27P02 S 19			10.8	4/04/73	106.4	-95.6	5050
04S/13W-27J03 S 19			8.9	11/22/72 4/12/73	35.4 34.7	-26.5 -25.8	1101	04S/13W-27P04 S 19			10.7	11/22/72 4/12/73	47.3 47.3	-36.6 -36.6	1101
04S/13W-27J04 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-27P07 S			13.7	10/30/72 11/21/72 3/27/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	35.7 32.7 47.8 48.0 48.1 48.8 49.9 49.7	-22.0 -19.0 -34.1 -34.3 -34.4 -35.1 -36.2 -36.0	1101
04S/13W-27K04 S 19			14.2	10/30/72 11/22/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	54.1 53.3 53.0 55.0 54.2 54.0 54.2 54.4 55.4 55.3	-39.9 -39.1 -38.8 -40.8 -40.0 -39.8 -40.0 -40.2 -41.2 -41.1	1101	04S/13W-27P08 S 19			13.7	11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	35.0 33.7 34.5 34.7 34.1 34.0 33.0 32.4 34.0 33.9	-21.3 -20.0 -20.8 -21.0 -20.4 -20.3 -19.3 -18.7 -20.3 -20.2	1101
04S/13W-27L02 S 19			8.9	11/22/72 4/12/73	35.4 34.7	-26.5 -25.8	1101	04S/13W-27P09 S 19			13.7	11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	35.0 33.7 34.5 34.7 34.1 34.0 33.0 32.4 34.0 33.9	-21.3 -20.0 -20.8 -21.0 -20.4 -20.3 -19.3 -18.7 -20.3 -20.2	1101
04S/13W-27M01 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-27Q01 S 19			9.2	4/12/73	35.6	-26.4	1101
04S/13W-27N02 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-27Q01 S 19			34.9	11/27/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	90.8 90.6 90.4 90.0 90.6 90.7 90.9 92.3 92.1 91.2	-55.9 -55.7 -55.5 -55.1 -55.7 -55.8 -56.0 -57.4 -57.2 -56.3	1101
04S/13W-27P02 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-27Q02 S 19			34.9	11/27/72 4/11/73	88.4 87.7	-53.5 -52.8	1101
04S/13W-27R01 S 19			14.2	10/30/72 11/22/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	54.1 53.3 53.0 55.0 54.2 54.0 54.2 54.4 55.4 55.3	-39.9 -39.1 -38.8 -40.8 -40.0 -39.8 -40.0 -40.2 -41.2 -41.1	1101	04S/13W-27J01 S 19			33.4	10/30/72 11/27/72 12/26/72	79.0 78.0 77.8	-45.6 -44.6 -44.4	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/13W-28J01 S 19 (CONTINUED)			33.4	1/29/73 2/26/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	79.0 81.1 78.1 78.1 78.9 79.6 81.3 81.2 79.4	-45.6 -47.7 -44.7 -44.7 -45.5 -46.2 -47.9 -47.8 -46.0	1101	04S/13W-31F02 S 19 (CONTINUED)			19.0	11/30/72 12/30/72 1/31/73 2/28/73 3/31/73 4/04/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	83.4 81.2 81.2 81.2 81.2 82.2 83.0 83.0 82.9 80.9 81.4	-64.4 -62.2 -62.2 -62.2 -62.2 -63.2 -64.0 -64.0 -63.9 -61.9 -62.6	5061
04S/13W-28J02 S 19			33.4	10/30/72 11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	78.6 77.8 77.5 77.7 77.3 77.2 76.9 77.3 77.5 78.2 78.2 77.2	-45.2 -44.4 -44.1 -44.3 -43.9 -43.8 -43.5 -43.9 -44.1 -44.8 -44.8 -43.8	1101	04S/13W-31F04 S 19			22.0	10/02/72 11/03/72 12/05/72 1/24/73 2/22/73 3/23/73 4/04/73 5/23/73 6/27/73 7/26/73 8/31/73 9/26/73	89.3 84.8 84.8 83.7 83.2 85.4 85.8 86.9 87.6 88.3 86.4 85.3	-67.3 -62.8 -62.8 -61.7 -61.2 -63.4 -63.8 -64.9 -65.6 -66.3 -64.4 -63.3	1200
04S/13W-28J03 S 19			33.4	11/27/72 4/11/73	72.3 70.8	-38.9 -37.4	1101	04S/13W-31F01 S			39.0	11/21/72 4/10/73	101.0 101.2	-62.0 -62.2	1101
04S/13W-28L02 S 19			42.6	11/21/72 4/10/73	92.3 91.0	-49.7 -48.4	1101	04S/13W-31F02 S 19			39.0	11/21/72 4/10/73	93.0 92.3	-54.0 -53.3	1101
04S/13W-28L03 S 19			42.6	11/21/72 4/10/73	92.4 90.4	-49.8 -47.8	1101	04S/13W-31J01 S 19			35.2	11/21/72 4/10/73	62.1 60.5	-26.9 -25.3	1101
04S/13W-28N01 S 19			46.1	11/10/72 12/12/72 2/15/73 3/05/73 4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	93.8 93.2 92.1 91.7 91.2 91.4 91.2 91.2 91.2	-47.7 -47.1 -46.0 -45.6 -45.5 -45.3 -45.1 -45.1 -45.1	1101	04S/13W-31J02 S 19			21.4	11/21/72 4/10/73	82.8 83.5	-61.4 -62.1	1101
			45.7				5050	04S/13W-31K02 S 19			21.7	11/21/72 4/10/73	55.8 54.0	-34.1 -32.3	1101
			46.1				1101	04S/13W-31N01 S 19			43.4	4/11/73	14.1	29.3	5050
04S/13W-28N02 S			45.0	4/11/73	90.0	-45.0	5050	04S/13W-31N02 S 19			42.6	11/21/72 4/10/73	86.4 85.4	-43.8 -42.8	1101
04S/13W-28N05 S 19			37.0	11/21/72 4/10/73	92.7 93.4	-55.7 -56.4	1101	04S/13W-31P01 S 19			44.7	11/01/72 12/01/72 1/03/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	168.0 167.0 167.0 167.0 165.0 167.0 169.0 167.0 169.0 167.0 168.0	-123.3 -122.3 -122.3 -122.3 -120.3 -122.3 -124.3 -122.3 -124.3 -122.3 -123.3	5061
04S/13W-28N06 S 19			37.7	4/11/73	91.2	-53.5	5050	04S/13W-31P01 S 19			28.5	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/30/73 8/27/73 9/26/73	49.9 49.6 49.1 48.9 48.8 48.5 48.4 48.2 48.2 48.2 48.5 48.5	-21.4 -21.1 -20.6 -20.4 -20.3 -20.0 -19.9 -19.7 -19.7 -19.7 -20.0 -20.0	1101
04S/13W-28Q01 S 19			26.1	12/15/72 4/02/73	69.7 66.9	-43.6 -40.8	1101	04S/13W-32G01 S 19			26.6	11/21/72 1/29/73 2/27/73 3/26/73 4/10/73 5/29/73 7/27/73	51.3 50.2 50.5 49.8 49.8 49.4 49.3	-24.7 -23.4 -23.9 -23.2 -23.2 -22.8 -22.7	1101
04S/13W-29F03 S 19			41.0	4/04/73	99.9	-58.9	5050	04S/13W-32K01 S 19			21.6	7/27/73	37.0	-15.4	1101
04S/13W-30A05 S 19			35.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/04/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	104.5 114.5 121.5 109.5 109.5 117.5 107.5 105.5 109.5 116.5 106.5 104.5	-69.5 -79.5 -86.5 -74.5 -74.5 -82.5 -72.5 -70.5 -74.5 -81.5 -71.5 -69.5	5061	04S/13W-32N01 S 19			17.9	10/30/72 11/28/72 12/26/72 1/29/73 2/26/73 3/26/73 4/24/73 5/29/73 6/25/73 7/30/73 8/27/73 9/26/73	24.1 23.4 22.9 25.3 24.2 23.7 23.8 23.6 23.6 25.7 25.4 25.6	-6.2 -5.5 -5.0 -7.4 -6.3 -5.8 -5.9 -5.7 -5.7 -7.8 -7.5 -7.7	1101
04S/13W-30G01 S 19			37.0	10/30/72 11/30/72 12/05/72 1/24/73 2/22/73 3/31/73 7/26/73 8/31/73 9/26/73	128.5(1) 128.5(5) 100.4 100.2 100.3 103.0(1) 106.6 102.0 101.5	-91.5 -91.5 -63.3 -63.1 -63.2 -66.0 -69.5 -64.9 -64.4	5061	04S/13W-32P01 S			14.4	2/26/73 3/26/73 4/24/73 5/29/73 6/25/73 7/30/73 8/27/73 9/26/73	18.8 18.4 18.1 17.4 17.8 19.1 18.5 17.8	-4.4 -4.0 -3.7 -3.0 -3.4 -4.7 -4.1 -3.4	1101
04S/13W-30G03 S 19			26.0	10/30/72 11/30/72 12/30/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	112.9(1) 88.9(5) 88.9(5) 89.9(5) 89.9(5) 93.0(1) 107.9(5) 108.9(1) 109.9(1) 109.9(1) 91.9(1) 89.9(5)	-86.9 -62.9 -62.9 -63.9 -63.9 -67.0 -81.9 -82.9 -83.9 -83.9 -65.9 -63.9	5061	04S/13W-32P02 S 19			14.1	2/27/73	16.0	-1.9	1101
04S/13W-30K01 S 19			36.0	10/30/72 11/30/72 12/30/72 1/31/73 2/28/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	135.4(1) 135.4 99.4 99.4 99.4 126.4(5) 128.4(1) 127.4(1) 128.4(1) 102.4(1) 101.4(5)	-99.4 -99.4 -63.4 -63.4 -63.4 -90.4 -92.4 -91.4 -92.4 -66.4 -65.4	5061								
04S/13W-31F02 S 19			19.0	10/30/72	83.4	-64.4	5061								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/13W-32P02 S 19 (CONTINUED)			14.1	3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	15.9 15.3 14.4 15.6 16.9 16.1 15.4	-1.8 -1.2 -0.3 -1.5 -2.8 -2.0 -1.3	1101	04S/13W-33G01 S 19			14.5	9/26/73	32.3	-17.8	1101
04S/13W-32P03 S 19			14.1	2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	20.8 20.5 18.8 20.0 20.5 21.3 20.9 20.6	-6.7 -6.4 -4.7 -5.9 -6.4 -7.2 -6.8 -6.5	1101	04S/13W-33G02 S 19			14.5	11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	32.1 31.5 32.5 32.7 32.2 32.0 31.6 31.8 33.0 32.8 32.4	-17.6 -17.0 -18.0 -18.2 -17.7 -17.5 -17.1 -17.3 -18.5 -18.3 -17.9	1101
04S/13W-32001 S 19			14.0	11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/31/73 8/28/73 9/26/73	24.4 24.5 25.0 25.7 25.4 25.0 25.3 25.4 25.7 25.6 25.4	-10.4 -10.5 -11.0 -11.7 -11.4 -11.0 -11.3 -11.4 -11.7 -11.6 -11.4	1101	04S/13W-33H02 S 19			17.7	11/21/72 12/26/72 1/29/73 2/27/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	61.0 61.9 63.8 62.6 62.9 63.3 64.0 66.2 65.8 64.5	-43.3 -44.2 -46.1 -44.9 -45.2 -45.6 -46.3 -48.5 -48.1 -46.8	1101
04S/13W-32002 S			14.0	10/30/72 11/21/72 4/10/73	24.8 24.1 25.2	-10.8 -10.1 -11.2	1101	04S/13W-33H04 S			17.7	11/28/72 12/26/72 1/29/73 2/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.7 34.0 34.8 35.3 34.0 33.9 35.6 35.1 34.7	-17.0 -16.3 -17.1 -17.6 -16.3 -16.2 -17.9 -17.4 -17.0	1101
04S/13W-32007 S 19			12.6	2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/31/73 8/28/73 9/26/73	17.9 17.5 17.6 16.8 17.3 18.3 17.8 17.4	-5.3 -4.9 -5.0 -4.2 -4.7 -5.7 -5.2 -4.8	1101	04S/13W-33H05 S 19			17.7	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.9 34.8 35.3 36.0 35.6	-17.2 -17.1 -17.6 -18.3 -17.9	1101
04S/13W-32R01 S			13.0	10/30/72 11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.2 18.7 18.0 19.8 19.1 19.3 18.9 18.5 19.2 19.9 19.4 19.3	-6.2 -5.7 -5.0 -6.8 -6.1 -6.3 -5.9 -5.5 -6.2 -6.9 -6.4 -6.3	1101	04S/13W-33H06 S 19			17.7	11/21/72 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	62.0 62.6 63.0 63.6 65.9 65.5 64.2	-44.3 -44.9 -45.3 -45.9 -48.2 -47.8 -46.5	1101
04S/13W-32P02 S 19			13.0	11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.3 18.9 20.3 20.0 20.0 20.0 19.7 20.4 20.9 20.6 20.4	-6.3 -5.9 -7.3 -7.0 -7.0 -7.0 -7.4 -7.9 -7.6 -7.4	1101	04S/13W-33K02 S 19			8.0	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	18.9 18.4 17.9 21.5 21.0 19.9 20.9 20.3 19.3 22.1 22.7 22.1	-10.9 -10.4 -9.9 -13.5 -13.0 -11.4 -12.4 -12.3 -11.3 -14.1 -14.7 -14.1	1101
04S/13W-32P03 S 19			13.9	10/30/72 11/27/72 12/26/72 1/29/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	16.5 16.9 16.9 20.7 19.8 19.8 19.4 20.3 20.8 20.4 20.1	-2.6 -3.0 -3.0 -6.8 -5.9 -5.9 -5.5 -6.4 -6.9 -6.5 -6.2	1101	04S/13W-33K03 S 19			8.0	3/27/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73	20.8 20.9 20.3 20.2 22.3 22.7	-12.8 -12.9 -12.3 -12.2 -14.3 -14.7	1101
04S/13W-33R01 S 19			23.5	11/21/72 4/10/73	70.4 71.1	-46.9 -47.6	1101	04S/13W-33K04 S 19			8.0	3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73	20.7 20.9 20.3 20.2 22.3 22.7	-12.7 -12.9 -12.3 -12.2 -14.3 -14.7	1101
04S/13W-33R02 S 19			23.5	11/21/72 4/10/73	48.1 47.0	-24.6 -23.5	1101	04S/13W-33L01 S 19			10.0	11/21/72 4/10/73	61.2 62.2	-51.2 -52.2	1101
04S/13W-33R03 S 19			23.5	11/21/72 4/10/73	48.6 47.3	-25.1 -23.8	1101	04S/13W-33N02 S 19			10.7	10/30/72 11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	17.1 16.7 16.4 20.0 18.7 18.0 18.1 17.1 18.4 19.0 19.5 19.3	-6.4 -6.0 -5.7 -9.3 -8.0 -7.3 -7.4 -6.4 -7.7 -8.3 -8.8 -8.6	1101
04S/13W-33C01 S 19			22.2	11/21/72 4/10/73	59.6 58.1	-37.4 -35.9	1101	04S/13W-33P06 S 19			10.6	12/15/72 4/02/73	22.1 24.3	-11.5 -13.7	1101
04S/13W-33G01 S 19			14.5	10/30/72 11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73	32.6 32.0 31.4 32.4 32.6 32.0 31.8 31.5 31.7 32.8 32.6	-18.1 -17.5 -16.9 -17.9 -18.1 -17.5 -17.3 -17.0 -17.2 -18.3 -18.1	1101	04S/13W-33P07 S 19			10.6	10/30/72 11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73	16.8 16.2 16.0 20.6 19.4 18.6 18.0	-6.2 -5.6 -5.4 -10.0 -8.8 -8.0 -7.4	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA -

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/13W-33P07 S 19 (CONTINUED)			10.6	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	17.4 18.2 20.2 21.7 21.6	-6.8 -7.6 -9.6 -11.1 -11.0	1101	04S/13W-34F03 S 19			5.4	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/12/73 5/29/73 6/26/73 7/28/73 9/24/73	41.9 41.2 40.7 41.9 41.0 40.8 41.2 40.8 41.9 43.6 42.5	-36.5 -35.8 -35.3 -36.5 -35.4 -35.4 -35.8 -35.4 -36.5 -38.2 -37.1	1101
04S/13W-33P08 S 19			10.6	11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	18.0 17.7 19.7 19.7 19.2 19.0 18.5 18.7 20.5 21.4 21.5	-7.4 -7.1 -9.1 -9.1 -8.6 -8.4 -7.9 -8.1 -9.9 -10.8 -10.9	1101	04S/13W-34F04 S 19			5.4	11/21/72 4/12/73	24.9 23.9	-19.5 -18.5	1101
04S/13W-33001 S 19			11.2	4/11/73	26.6	-15.4	1101	04S/13W-34W01 S 19			3.4	4/02/73	81.2	-77.8	5050
04S/13W-34A02 S 19			8.5	11/27/72 4/03/73	33.1 32.5	-24.6 -24.0	1101	04S/13W-34W02 S 19			3.6	4/03/73	22.5	-18.9	1101
04S/13W-34A04 S 19			8.3	11/27/72 4/12/73	30.6 30.0	-22.3 -21.7	1101	04S/13W-34W03 S 19			4.6	11/21/72 4/11/73	44.0 44.4	-39.4 -39.4	1101
04S/13W-34C02 S 19			10.3	12/15/72 4/02/73	50.0 48.6(8)	-39.7 -38.3	1101	04S/13W-34W04 S 19			18.3	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	35.4 34.5 33.6 34.2 34.7 33.1 32.9 34.6 34.4 34.2	-17.1 -16.2 -15.3 -15.9 -16.4 -14.8 -14.6 -14.3 -16.1 -15.9	1101
04S/13W-34D02 S 19			4.1	10/30/72 11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	43.4 42.6 42.1 44.5 42.6 42.5 42.8 43.0 43.8 45.9 45.5 44.5	-39.3 -38.5 -38.0 -40.4 -38.5 -38.4 -38.7 -38.9 -39.7 -41.8 -41.4 -40.4	1101	04S/13W-34W05 S 19			18.3	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.0 33.4 36.0 35.5 35.1	-15.7 -15.3 -17.7 -17.2 -16.8	1101
04S/13W-34D03 S 19			4.1	10/30/72 11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	22.4 21.9 20.6 21.5 21.2 20.9 20.9 19.7 19.2 21.4 21.0 21.0	-18.3 -17.8 -16.5 -17.4 -17.1 -16.8 -16.8 -15.6 -15.1 -17.3 -16.9 -16.9	1101	04S/13W-35R04 S 19			6.7	11/27/72 4/02/73	29.7 28.0	-23.0 -21.3	1101 5050
04S/13W-34D04 S 19			4.1	11/22/72 12/29/72 1/17/73 2/27/73 3/29/73 4/02/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.8 19.0 19.6 19.2 18.8 19.5 17.7 16.9 19.1 18.7 18.6	-15.7 -14.9 -15.5 -15.1 -14.7 -15.4 -13.6 -12.8 -15.0 -14.6 -14.5	1101	04S/13W-35F01 S 19			9.0	4/09/73	27.6	-18.6	5050
04S/13W-34D05 S 19			22.0	12/15/72 4/02/73	46.4 45.3	-24.4 -23.3	1101	04S/13W-35J01 S 19			22.7	11/21/72 4/12/73	52.5 52.1	-29.8 -29.4	1101
04S/13W-34F02 S 19			18.3	10/30/72 11/21/72 12/26/72 1/29/73 2/27/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	60.8 59.6 59.5 61.4 60.5 60.2 60.6 61.0 63.4 63.0 61.8	-42.5 -41.3 -41.2 -43.1 -42.2 -41.9 -42.3 -42.7 -45.1 -44.7 -43.5	1101	04S/13W-35J02 S 19			22.7	11/21/72 4/03/73	43.1 40.7	-20.4 -18.0	1101 5050
04S/13W-34F03 S 19			18.3	11/21/72 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	58.9 59.7 60.0 60.7 62.8 62.4 61.3	-40.6 -41.4 -41.7 -42.4 -44.5 -44.1 -43.0	1101	04S/13W-35W04 S 19			10.1	11/21/72 4/02/73	32.5 22.2	-22.4 -12.1	1101 5050
04S/13W-34F02 S 19			5.4	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/12/73 5/29/73 6/26/73 7/31/73 8/28/73 9/24/73	41.9 41.1 40.7 41.9 41.2 40.9 41.1 41.3 42.0 43.7 43.5 42.5	-36.5 -35.7 -35.3 -36.5 -35.8 -35.5 -35.7 -35.9 -36.6 -38.3 -38.1 -37.1	1101	04S/13W-35W05 S 19			10.1	4/02/73	36.7	-26.6	5050
								04S/13W-35W06 S 19			10.1	11/21/72 4/12/73	44.7 44.3	-34.4 -34.2	1101
								04S/14W-01F02 S 19			51.0	11/01/72 12/01/72 1/31/73 3/01/73 4/02/73 6/01/73 7/31/73 8/31/73	123.0 119.2 122.5 122.0 119.0 119.9 123.5 123.5	-72.0 -68.2 -71.5 -71.0 -68.0 -68.9 -72.5 -72.5	5061
								04S/14W-01F03 S 19			50.8	11/01/72 12/01/72 1/31/73 3/01/73 4/02/73 6/01/73 7/31/73 8/31/73	120.7 118.5 118.9 119.1 119.0 119.8 126.2 125.0	-69.9 -67.7 -68.1 -68.1 -68.2 -69.0 -75.4 -74.2	5061
								04S/14W-03L02 S 19			74.0	10/20/72 12/18/72 3/26/73 4/23/73 5/17/73 6/27/73 8/06/73 9/18/73	105.7(2) 103.5(2) 102.7(2) 104.3(2) 104.5(2) 105.7(2) 108.2(2) 109.7	-31.7 -29.6 -28.7 -30.3 -30.5 -31.7 -34.2 -35.7	5061 5050 5061
								04S/14W-03L03 S 19			76.0	10/21/72 12/18/72 3/26/73 4/23/73 5/21/73 7/03/73 8/03/73 9/24/73	107.8(2) 107.1(2) 106.1(2) 107.4(2) 106.5(2) 107.0(2) 109.5(2) 110.2(2)	-31.4 -31.1 -30.1 -31.4 -30.5 -31.0 -33.5 -34.2	5061 5050 5061
								04S/14W-03L04 S 19			76.0	10/20/72	108.9(2)	-32.9	5061
								04S/14W-03M01 S 19			79.1	10/22/72 3/27/73 4/24/73 5/22/73 6/29/73	105.7(2) 104.5(2) 104.5(2) 104.8(2) 107.3(2)	-26.6 -25.4 -25.4 -25.7 -28.2	5061

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GARRIFL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/14W-03M01 S 19 (CONTINUED)			79.1	8/06/73 9/26/73	107.9(2) 109.3	-28.8 -30.2	5061 5050	04S/14W-07D01 S 19 (CONTINUED)			13.8	11/28/72 1/05/73 2/27/73 3/30/73 4/27/73 6/01/73 7/27/73 8/31/73	7.9 7.7 8.2 9.1 8.9 9.4 13.5 13.0	5.9 6.1 5.6 4.7 4.9 4.4 0.3 0.8	1101
04S/14W-05A01 S 19			97.5	10/25/72	111.8	-14.3	1101								
04S/14W-05A02 S 19			97.5	10/25/72	83.4	14.1	1101	04S/14W-07J07 S 19			143.0	10/25/72 4/05/73	133.8 148.5	9.2 -5.5	1101
04S/14W-05F01 S 19			92.0	4/02/73	98.9	-6.9	5050	04S/14W-07J08 S 19			143.0	11/09/72 4/05/73	138.0 136.4	5.0 6.6	1101
04S/14W-05N06 S 19			145.7	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	152.0 150.0 149.2 149.6 149.2 148.8 148.4 148.5 148.7 148.6	-6.3 -4.3 -3.5 -3.9 -3.5 -3.1 -2.7 -2.8 -3.0 -2.9	1101	04S/14W-07K02 S 19			87.0	11/09/72 4/02/73	82.5 82.5	4.5 4.5	1101 5050
04S/14W-06G02 S 19			174.8	10/25/72 4/12/73	174.1 168.4	0.7 6.4	1101	04S/14W-07P03 S 19			73.6	11/09/72 4/02/73	70.9 69.7	2.7 3.9	1101 5050
04S/14W-06G04 S 19			196.7	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73 9/28/73	195.0 190.5 189.7 190.4 190.5 189.8 189.0 189.0 189.3 189.2 189.1	1.7 6.2 7.0 6.3 6.2 6.9 7.7 7.7 7.4 7.5 7.6	1101	04S/14W-07P04 S 19			52.1	10/25/72 4/06/73	61.2 57.0	-9.1 -4.9	1101
04S/14W-06G05 S 19			166.5	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/02/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	166.3 160.3 159.8 161.0 160.4 160.4 160.6 159.1 159.1 159.4 159.2 159.0	0.2 6.2 6.7 5.5 6.1 6.1 5.9 7.4 7.4 7.1 7.3 7.5	1101	04S/14W-07P05 S 19			52.1	10/25/72 4/06/73	48.0 43.8	4.1 8.3	1101
04S/14W-06J06 S 19			139.4	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	137.4 133.3 132.5 133.0 133.1 132.3 131.6 131.2 131.8 131.7	2.0 6.1 6.9 6.4 6.3 7.1 7.8 8.2 7.6 7.7	1101	04S/14W-08R01 S 19			97.0	10/26/72 11/28/72 1/05/73 2/27/73 3/30/73 4/27/73 6/01/73 7/27/73 8/31/73	101.9 100.9 99.7 99.5 99.3 98.8 98.3 98.3 98.4	-4.9 -3.9 -2.7 -2.5 -2.3 -1.8 -1.3 -1.3 -1.4	1101
04S/14W-06J07 S 19			139.4	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	146.7 144.4 143.5 144.0 143.5 143.1 142.7 142.8 143.5 143.6	-7.3 -5.0 -4.1 -4.6 -4.1 -3.7 -3.3 -3.4 -4.1 -4.2	1101	04S/14W-08R02 S 19			124.4	4/05/73	116.3	8.1	5050
04S/14W-06K05 S 19			159.8	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	166.7 164.5 163.8 164.2 163.9 163.5 163.2 163.3 163.6 163.6	-6.9 -4.7 -4.0 -4.4 -4.1 -3.7 -3.4 -3.5 -3.8 -3.8	1101	04S/14W-08D11 S 19			138.2	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	135.0 132.4 132.0 131.7 132.3 130.3 129.3 129.1 129.2 129.1	3.2 5.8 6.2 6.5 5.9 7.9 8.9 9.1 9.0 9.1	1101
04S/14W-06K08 S 19			141.1	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	138.6 134.7 133.9 134.2 134.3 133.3 132.6 132.3 132.7 132.9	2.5 6.4 7.2 6.9 6.8 7.8 8.5 8.8 8.4 8.2	1101	04S/14W-08D12 S 19			139.7	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	146.6 145.3 144.1 144.9 144.0 143.6 143.0 143.5 143.6 143.5	-6.9 -5.6 -4.4 -5.2 -4.3 -3.9 -3.3 -3.1 -3.4 -3.8	1101
04S/14W-07C03 S 19			62.2	10/27/72 11/28/72 1/05/73 2/27/73 3/30/73 4/02/73 6/01/73 7/27/73 8/31/73	56.9 55.9 55.4 55.8 55.8 56.5 76.5 54.2 54.0	5.3 6.3 6.8 6.4 6.4 5.5 -14.3 8.0 8.2	1101	04S/14W-08D15 S 19			146.4	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	153.2 151.6 150.5 151.2 150.2 149.8 149.6 149.7 149.9 149.8	-6.8 -5.2 -4.1 -4.8 -3.8 -3.4 -3.2 -3.3 -3.5 -3.4	1101
04S/14W-07D01 S 19			13.8	10/27/72	8.4	5.4	1101	04S/14W-08F05 S 19			147.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	144.3 140.8 140.1 140.5 140.2 138.3 137.6 137.3 137.3 137.3	3.0 6.5 7.2 6.8 7.1 9.0 9.7 10.0 10.0 10.0	1101
			62.0 62.2	4/02/73 6/01/73 7/27/73 8/31/73	56.5 76.5 54.2 54.0	5.5 -14.3 8.0 8.2	5050 1101	04S/14W-08F15 S 19			143.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73	138.9 137.3 136.7 136.9 136.8 135.5 133.7 133.4	4.4 6.0 6.6 6.4 6.5 7.8 9.6 9.9	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A2							
04S/14W-08F15 S 19 (CONTINUED)			143.3	7/26/73 8/30/73	133.4 133.4	9.9 9.9	1101	04S/14W-08N05 S 19			140.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	133.7 131.2 129.8 131.1 130.7 128.9 128.8 128.1 128.3 128.2	6.3 8.8 10.2 8.9 9.3 11.1 11.2 11.9 11.7 11.8	1101
04S/14W-08F16 S 19			142.3	10/25/72 4/05/73 6/27/73 7/26/73 8/30/73	137.9 135.0 132.7 132.6 132.6	4.4 7.3 9.6 9.7 9.7	1101								
04S/14W-08F17 S 19			143.0	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	151.2 149.5 148.7 149.4 148.5 148.2 148.0 148.1 148.3 148.4	-8.2 -6.5 -5.7 -6.4 -5.5 -5.2 -5.0 -5.1 -5.3 -5.4	1101	04S/14W-08N07 S 19			141.8	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	140.3 137.2 136.5 136.6 136.7 135.4 135.8 136.2 136.4 136.4	1.5 4.6 5.3 5.2 5.1 6.4 6.0 5.6 5.4 5.4	1101
04S/14W-08F18 S 19			150.0	10/25/72 4/04/73	145.2 142.4	4.8 7.6	1101	04S/14W-08P01 S 19			108.0	10/25/72 4/09/73	120.8 117.5	-12.8 -9.5	1101
04S/14W-08F19 S 19			154.3	10/25/72 4/05/73	149.6 146.7	4.7 7.6	1101	04S/14W-08P02 S 19			108.0	10/25/72 4/02/73	119.5 118.5	-11.5 -10.5	1101 5050
04S/14W-08F20 S			154.6	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	163.6 161.8 161.0 161.6 161.2 160.6 160.4 160.6 160.8 160.8	-9.0 -7.2 -6.4 -7.0 -6.6 -6.0 -5.8 -6.0 -6.2 -6.2	1101	04S/14W-09N01 S 19			113.0	10/25/72 3/30/73	129.8 127.2	-16.8 -14.2	1101
								04S/14W-09N01 S 19			100.6	12/18/72 4/03/73	119.2 118.6	-18.6 -18.0	1101
04S/14W-08G01 S 19			97.0	11/09/72 4/10/73	107.3 105.5	-10.3 -8.5	1101	04S/14W-10N02 S 19			94.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	136.6(5) 136.6(5) 167.6(1) 136.6(5) 167.6(1) 136.6(5) 136.6(5) 165.6(1) 165.6(1) 162.6(1) 174.6(1)	-42.6 -42.6 -73.6 -42.6 -73.6 -42.6 -42.6 -71.6 -71.6 -68.6 -80.6	5061
04S/14W-08M04 S 19			138.8	4/20/73	144.7	-5.9	1101								
04S/14W-08M06 S 19			144.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	139.2 137.8 137.0 137.3 137.1 135.6 135.2 134.9 134.8 134.7	5.1 6.5 7.3 7.0 7.2 8.7 9.1 9.4 9.5 9.6	1101	04S/14W-10N03 S 19			108.7	4/05/73	138.5	-29.8	5050
								04S/14W-10K02 S 19			94.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	136.6(5) 136.6(5) 167.6(1) 136.6(5) 167.6(1) 136.6(5) 136.6(5) 165.6(1) 165.6(1) 162.6(1) 174.6(1)	-42.6 -42.6 -73.6 -42.6 -73.6 -42.6 -42.6 -71.6 -71.6 -68.6 -80.6	5061
04S/14W-08M07 S 19			152.5	10/25/72 4/05/73 6/27/73 7/26/73 8/30/73	147.4 148.6 143.0 142.8 142.8	5.1 3.9 9.5 9.7 9.7	1101	04S/14W-10K03 S 19			90.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	112.3(5) 134.3(1) 134.3(1) 134.3(1) 122.3(5) 134.3(1) 112.3(5) 134.3(1) 134.3(1) 133.3(1) 112.3(5)	-22.3 -44.3 -44.3 -44.3 -22.3 -44.3 -22.3 -44.3 -44.3 -43.3 -22.3	5061
								04S/14W-11F01 S			68.0	10/01/72 11/05/72 12/03/72 1/14/73 3/09/73 9/02/73	NM-7 NM-7 NM-7 NM-7 NM-0 NM-7		5061
04S/14W-08M12 S 19			137.1	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	146.0 144.4 143.6 144.1 143.5 143.2 143.0 143.3 143.4 143.4	-8.9 -7.3 -6.5 -7.0 -6.4 -6.1 -5.9 -6.2 -6.3 -6.3	1101	04S/14W-11G04 S 19			68.7	10/01/72 11/05/72 12/03/72 1/14/73 2/04/73 3/09/73 4/01/73 5/06/73 6/03/73 7/01/73 8/05/73 9/02/73	118.0 120.0 115.0 115.0 115.0 110.0 115.0 118.0 118.0 116.0 120.0 115.0	-49.3 -51.3 -46.3 -46.3 -46.3 -41.3 -46.3 -49.3 -49.3 -47.3 -51.3 -46.3	5061
04S/14W-08M13 S 19			137.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	131.4 129.8 129.1 129.5 129.1 127.7 127.2 126.9 126.9 126.8	5.6 7.2 7.9 7.5 7.9 9.3 9.8 10.1 10.1 10.2	1101	04S/14W-11L01 S 19			69.8	4/05/73	102.1	-32.3	5050
								04S/14W-12002 S 19			18.0	12/18/72 4/03/73	58.3 58.2	-40.3 -40.2	1101
04S/14W-08N03 S 19			158.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	153.9 151.9 151.3 151.9 151.6 149.9 149.5 149.5 149.7 149.7	4.1 6.1 6.7 6.1 6.4 8.1 8.5 8.5 8.3 8.3	1101	04S/14W-15N01 S 19			78.2	2/15/73 3/05/73 4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	102.8 102.2 102.8 102.2 102.5 102.9 103.4	-24.6 -24.0 -24.6 -24.0 -24.3 -24.7 -25.2	1101
04S/14W-08N04 S 19			160.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	169.9 168.5 167.5 167.9 167.3 166.9 167.0 167.0 167.1 167.1	-9.9 -8.5 -7.5 -7.9 -7.3 -6.9 -7.0 -7.0 -7.1 -7.1	1101	04S/14W-16F01 S 19			81.0	10/24/72 12/04/72 1/02/73 2/11/73 4/11/73 5/07/73 7/01/73 8/01/73	103.4(5) 147.6(1) 100.6(5) 145.6(1) 96.5 99.6(5) 100.6(5) 100.6(5)	-22.4 -66.6 -19.6 -64.6 -15.5 -18.6 -19.6 -19.6	1101 5050 1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/14W-16L04 S 19			77.0	11/01/72	92.5(5)	-15.5	5061	04S/14W-17N02 S 19			88.0	1/03/73	94.2	-6.2	1101
				12/01/72	92.5(5)	-15.5		(CONTINUED)				2/01/73	93.8	-5.8	
				1/01/73	92.5(5)	-15.5						3/01/73	94.2	-6.2	
				2/01/73	149.5(1)	-72.5						4/26/73	93.7	-5.7	
				3/01/73	92.5(5)	-15.5						6/01/73	93.5	-5.5	
				4/01/73	92.5(5)	-15.5						7/26/73	93.6	-5.6	
				5/01/73	149.5(1)	-72.5						8/30/73	93.4	-5.4	
				6/01/73	117.5(5)	-40.5		04S/14W-17N03 S 19			95.0	10/26/72	94.1	0.9	1101
				7/01/73	151.5(1)	-74.5						11/30/72	89.1	5.9	
				8/01/73	149.5(1)	-72.5						1/04/73	89.7	5.3	
				9/01/73	92.5(5)	-15.5						2/01/73	91.0	4.0	
04S/14W-16001 S 19			77.0	4/05/73	92.5	-15.5	5050					3/01/73	89.4	5.6	
04S/14W-17001 S 19			150.4	10/26/72	155.8	-5.4	1101					4/26/73	88.7	6.3	
				11/30/72	155.7	-5.3						6/01/73	88.3	6.7	
				1/03/73	155.5	-5.1		04S/14W-17P01 S 19			75.0	10/25/72	86.8	-11.8	1101
				2/01/73	155.7	-5.3						4/05/73	82.6	-7.6	
				3/01/73	155.6	-5.2						10/25/72	84.1	-10.1	1101
				4/26/73	155.3	-4.9						4/02/73	80.1	-5.8	5050
				6/01/73	155.2	-4.8		04S/14W-17P02 S 19			74.0	10/25/72	84.1	-10.1	1101
				7/26/73	155.3	-4.9						4/02/73	80.1	-5.8	5050
				8/30/73	155.2	-4.8		04S/14W-17P01 S 19			77.1	10/25/72	93.4	-16.3	1101
04S/14W-17002 S 19			156.4	4/02/73	142.0	14.4	5050					4/05/73	88.1	-11.0	
04S/14W-17004 S 19			129.2	10/26/72	136.9	-7.7	1101	04S/14W-17P02 S 19			77.1	10/25/72	91.3	-14.2	1101
				4/12/73	132.8	-3.6						4/05/73	90.5	-13.4	
04S/14W-17010 S 19			146.0	10/26/72	139.7	6.3	1101	04S/14W-17P03 S 19			77.1	10/25/72	91.2	-14.1	1101
				11/30/72	138.0	8.0						4/05/73	88.1	-11.0	
				1/04/73	136.5	9.5		04S/14W-18A02 S 19			147.7	10/26/72	141.3	6.4	1101
				2/01/73	136.9	9.1						4/12/73	137.3	10.4	
				3/01/73	136.6	9.4		04S/14W-18A03 S 19			147.7	10/26/72	142.7	5.5	1101
				4/26/73	134.9	11.1						4/19/73	137.3	10.4	
				5/31/73	134.3	11.7		04S/14W-18A04 S 19			91.0	4/10/73	97.6	-6.6	1101
				6/27/73	134.2	11.8		04S/14W-18A06 S 19			91.1	11/09/72	81.9	9.2	1101
				7/26/73	134.3	11.7						4/10/73	81.1	10.0	
				8/30/73	134.2	11.8		04S/14W-18A01 S 19			87.0	11/09/72	83.1	3.9	1101
04S/14W-17F04 S 19			137.5	10/26/72	131.9	5.6	1101					4/03/73	81.3	5.7	5050
				1/04/73	126.5	11.0		04S/14W-18F01 S 19			15.3	11/09/72	13.1	2.2	1101
				4/26/73	126.3	11.2						4/06/73	13.9	1.4	
				6/01/73	125.9	11.6		04S/14W-18H02 S			147.2	4/03/73	DRY		5050
				7/26/73	125.8	11.7		04S/14W-18H04 S 19			131.8	4/19/73	138.0	-4.2	1101
				8/30/73	125.7	11.8		04S/14W-18H05 S 19			134.5	10/26/72	131.4	3.1	1101
04S/14W-17F05 S 19			137.4	10/26/72	133.1	4.3	1101					4/19/73	126.3	8.2	
				4/12/73	131.8	5.6		04S/14W-18H06 S 19			133.5	10/26/72	126.1	7.4	1101
04S/14W-17F06 S 19			112.0	10/26/72	105.0	7.0	1101					4/19/73	124.6	8.9	
				11/30/72	102.2	9.8		04S/14W-18H07 S 19			123.0	10/26/72	117.6	5.4	1101
				1/04/73	101.7	10.3						4/10/73	115.3	7.7	
				2/01/73	102.2	9.8		04S/14W-18H08 S 19			122.0	10/26/72	114.2	7.8	1101
				3/01/73	101.8	10.2						4/10/73	113.6	8.4	
				4/26/73	100.5	11.5		04S/14W-18J01 S 19			133.0	11/09/72	129.3	3.7	1101
				6/01/73	99.7	12.3						4/12/73	127.7	5.3	
				7/26/73	99.8	12.2		04S/14W-18J02 S 19			133.0	11/09/72	143.3	-10.3	1101
				8/30/73	99.7	12.3						4/03/73	141.6	-8.6	5050
04S/14W-17F01 S 19			180.5	6/27/73	190.0	-9.5	1101	04S/14W-18K01 S 19			73.0	11/09/72	71.2	1.8	1101
04S/14W-17F02 S 19			180.5	6/27/73	185.0	-4.5	1101					4/03/73	73.8	-0.8	5050
04S/14W-17H01 S 19			96.0	10/24/72	105.6(5)	-9.6	1101	04S/14W-18001 S 19			100.0	11/09/72	96.7	3.3	1101
				1/02/73	101.6(5)	-5.6						4/05/73	95.1	4.9	
				2/28/73	100.6(5)	-4.6		04S/14W-18003 S 19			103.0	11/09/72	104.1	-1.1	1101
				4/11/73	106.0	-10.0	5050					4/03/73	100.1	1.9	5050
				5/07/73	103.6(5)	-7.6	1101	04S/14W-18002 S 19			102.7	10/25/72	115.4	-12.7	1101
				7/01/73	100.6(5)	-4.6						4/05/73	110.8	-8.1	
				8/01/73	100.6(5)	-4.6		04S/14W-18003 S 19			102.7	10/25/72	106.0	-3.3	1101
04S/14W-17H02 S 19			92.0	10/24/72	105.4(5)	-13.4	1101					4/05/73	99.1	3.6	
				1/02/73	104.5(5)	-12.5		04S/14W-20D02 S 19			116.5	4/03/73	127.8	-11.3	5050
				2/28/73	100.5(5)	-8.5						4/03/73	106.5	9.9	5050
				4/11/73	109.6	-17.6	5050	04S/14W-20D03 S 19			116.5	12/18/72	113.4	3.1	1101
				5/07/73	107.5(5)	-15.5	1101					4/03/73	113.6	2.9	
				7/02/73	100.5(5)	-8.5		04S/14W-20D06 S 19			125.0	10/26/72	125.7	-0.7	1101
04S/14W-17M01 S 19			115.0	10/26/72	108.5	6.5	1101					11/30/72	120.8	4.2	
				11/30/72	105.5	9.5						1/04/73	120.5	4.5	
				1/04/73	105.0	10.0						2/01/73	122.3	2.7	
				2/01/73	105.5	9.5						3/01/73	121.3	3.7	
				3/01/73	105.0	10.0						4/03/73	120.4	4.6	5050
				4/26/73	103.7	11.3						6/01/73	120.3	4.7	1101
				6/01/73	103.0	12.0						7/26/73	120.7	4.3	
				7/26/73	103.1	11.9									
				8/30/73	102.9	12.1									
04S/14W-17M02 S 19			97.0	10/26/72	90.7	6.3	1101								
				11/30/72	87.6	9.4									
				1/04/73	87.1	9.9									
				2/01/73	87.7	9.3									
				3/01/73	87.2	9.8									
				4/26/73	85.9	11.1									
				6/01/73	85.2	11.8									
				7/26/73	85.2	11.8									
				8/30/73	85.0	12.0									
04S/14W-17N02 S 19			88.0	10/26/72	96.5	-8.5	1101								
				11/30/72	94.5	-6.5									

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/14W-20D06 S 19			125.0	8/30/73	120.2	4.8	1101	04S/14W-36G02 S 19			39.9	4/04/73	98.6	-58.7	5050
04S/14W-20D07 S 19			120.0	10/26/72	128.6	-8.6	1101	04S/14W-36G03 S 19			40.6	4/04/73	99.2	-58.6	5050
				11/30/72	127.9	-7.9		04S/14W-36G04 S 19			41.0	4/04/73	99.0	-58.0	5050
				1/03/73	126.4	-6.4		05S/12W-03F01 S 19			8.0	4/24/73	54.1	-46.1	1101
				2/01/73	127.1	-7.1		05S/12W-03F02 S 19			8.0	5/15/73	7.7	0.3	1101
				3/01/73	127.4	-7.4		05S/12W-03J01 S 19			5.2	4/24/73	48.4	-43.2	1101
				4/26/73	114.1	5.9		05S/12W-10P01 S 19			5.0	4/13/73	3.6	1.4	5050
				6/01/73	125.4	-5.4		05S/12W-11G06 S 19			16.7	4/24/73	51.2	-34.5	1101
				7/26/73	125.5	-5.5		05S/13W-01M02 S 19			11.6	12/15/72	19.6	-8.0	1101
				8/30/73	125.4	-5.4						4/02/73	15.2	-3.6	
04S/14W-20D08 S 19			145.0	10/26/72	147.0	-2.0	1101	05S/13W-02R01 S 19			7.2	12/15/72	24.9	-17.7	1101
				11/30/72	142.3	2.7						4/02/73	24.0	-16.8	
				1/04/73	142.0	3.0		05S/13W-02G01 S 19			3.2	12/15/72	11.1(R)	-7.9	1101
				2/01/73	143.4	1.6	5050					4/02/73	10.2(R)	-7.0	
				3/01/73	142.5	2.5	1101	05S/13W-02G03 S 19			3.2	12/15/72	NM-1		1101
				4/03/73	141.4	3.6						4/02/73	NM-1		
				6/01/73	141.6	3.4		05S/13W-02G05 S 19			4.2	12/15/72	22.7(R)	-18.5	1101
				7/26/73	141.9	3.1						4/02/73	21.0	-16.8	
				8/30/73	141.4	3.6		05S/13W-02J03 S 19			14.7	4/03/73	21.8	-7.1	1101
04S/14W-20E01 S 19			157.0	10/26/72	168.6	-11.6	1101	05S/13W-02K02 S 19			23.9	12/15/72	27.8	-3.9	1101
				11/30/72	166.3	-9.3						4/02/73	25.1	-1.2	
				1/04/73	166.1	-9.1		05S/13W-02K03 S 19			23.9	12/15/72	50.0	-26.1	1101
				2/01/73	166.9	-9.9						4/02/73	39.2	-15.3	
				3/01/73	166.2	-9.2		05S/13W-02K05 S 19			23.9	12/15/72	43.2	-19.3	1101
				4/26/73	165.7	-8.7						4/02/73	24.7	-0.4	
				6/01/73	165.4	-8.4		05S/13W-03C01 S 19			11.8	11/22/72	29.7	-17.9	1101
				7/26/73	165.3	-8.3						4/03/73	29.0	-17.2	
				8/30/73	165.1	-8.1		05S/13W-03C03 S 19			-6.6	12/15/72	12.3(2)	-18.9	1101
04S/14W-20E02 S 19			199.0	10/26/72	202.0	-3.0	1101					4/02/73	9.8(2)	-16.4	
				11/30/72	197.3	1.7		05S/13W-03C08 S 19			5.6	11/22/72	25.3	-30.9	1101
				1/04/73	196.9	2.1						4/03/73	12.6	-18.2	
				2/01/73	198.2	0.8		05S/13W-03D03 S 19			-2.5	12/15/72	13.7	-16.2	1101
				3/01/73	197.4	1.6						4/02/73	15.7	-15.6	
				4/26/73	197.0	2.0		05S/13W-03D08 S 19			-8.4	12/15/72	NM-1		1101
				6/01/73	196.6	2.4						4/02/73	NM-1		
				7/26/73	196.9	2.1		05S/13W-03F01 S 19			10.7	11/22/72	26.9	-16.2	1101
				8/30/73	196.5	2.5						4/03/73	26.7	-16.0	
04S/14W-20G02 S 19			90.9	10/25/72	82.5	8.4	1101	05S/13W-03P16 S 19			-16.2	12/15/72	-4.4	-21.8	1101
				4/03/73	86.9	4.0	5050					4/02/73	-6.9	-11.3	
04S/14W-20G04 S 19			89.9	10/25/72	89.0	0.9	1101	05S/13W-03P18 S 19			15.7	11/22/72	27.1	-11.4	1101
				4/19/73	88.4	1.5						4/11/73	26.8	-11.1	
04S/14W-20J02 S 19			83.0	10/26/72	100.3	-17.3	1101	05S/13W-03P19 S 19			15.3	11/22/72	25.2	-9.9	1101
				4/09/73	98.3	-15.3						4/03/73	25.8	-10.5	
04S/14W-20J04 S 19			83.0	10/26/72	92.0	-9.0	1101	05S/13W-03Q02 S 19			-14.4	12/15/72	3.7	-18.1	1101
				4/09/73	88.2	-5.2						4/02/73	2.0	-16.8	
04S/14W-21F01 S 19			72.0	4/05/73	82.4	-10.4	5050	05S/13W-04E01 S 19			0.6	11/22/72	10.6	-10.0	1101
04S/14W-21F02 S 19			76.0	10/11/72	93.6	-17.6	1101					4/03/73	11.5	-10.9	
				11/09/72	93.8	-17.8		05S/13W-04E02 S 19			0.2	11/22/72	8.2	-8.0	1101
				12/11/72	92.8	-16.8						4/03/73	9.1	-8.9	
				1/10/73	92.7	-16.7		05S/13W-05A01 S 19			8.5	10/30/72	14.9	-6.4	1101
				2/15/73	92.1	-16.1						11/21/72	14.6	-6.1	
				3/05/73	89.6	-13.6						12/26/72	14.5	-6.0	
				4/11/73	91.6	-15.6						1/29/73	15.8	-7.3	
				5/07/73	91.8	-15.8						2/26/73	15.6	-7.1	
				7/02/73	92.2	-16.2						3/26/73	15.5	-7.0	
				9/05/73	92.9	-16.9						4/10/73	15.4	-6.9	
04S/14W-21G01 S 19			71.0	4/05/73	86.3	-15.3	5050					5/29/73	14.9	-6.4	
04S/14W-21L02 S 19			70.9	10/11/72	88.4(8)	-17.5	1101					6/26/73	15.0	-6.5	
				11/09/72	88.6(8)	-17.7						7/31/73	16.0	-7.5	
				12/11/72	87.6(8)	-16.7						8/28/73	15.4	-6.9	
				1/10/73	87.5(8)	-16.6						9/24/73	15.3	-6.8	
				2/15/73	90.1(8)	-16.9									
				4/11/73	88.7(8)	-15.5									
				5/07/73	88.9(8)	-15.7									
				7/02/73	89.3(8)	-16.1									
				8/08/73	89.7(8)	-16.5									
				9/05/73	89.9(8)	-16.7									
04S/14W-22N01 S 19			79.0	4/09/73	100.8	-21.8	5050								
04S/14W-24A01 S 19			57.1	4/19/73	111.2	-54.1	1101								
04S/14W-25G04 S 19			70.1	4/03/73	120.4	-50.3	5050								
04S/14W-27R01 S 19			81.0	12/18/72	118.9	-37.9	1101								
				4/03/73	111.2(8)	-30.2									
04S/14W-27N01 S 19			200.0	4/03/73	235.2	-35.2	5050								
04S/14W-28G01 S 19			161.4	4/04/73	182.1	-20.7	1101								
04S/14W-28J01 S 19			184.0	4/03/73	208.1	-24.1	5050								
04S/14W-34K01 S 19			280.0	4/03/73	NM-9		5050								
04S/14W-35F07 S 19			184.9	4/03/73	233.4	-48.5	5050								
04S/14W-35F08 S 19			166.9	12/18/72	215.4	-48.5	1101								
				4/02/73	214.7	-47.8									
04S/14W-35F02 S 19			200.0	4/03/73	237.5	-37.5	5050								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA							
U-05 U-05.A U-05.A2								U-05 U-05.A U-05.A3							
055/13W-05A02 S 19			8.5	9/24/73	15.3	-6.8	1101	015/16W-34001 S 19			128.9	10/17/72 11/09/72 12/11/72 1/09/73 2/06/73 3/21/73 4/12/73 5/10/73 6/22/73 8/02/73 9/06/73	29.1 29.1 29.0 29.0 28.8 28.4 28.4 28.4 28.3 28.5 28.6	99.8 99.8 99.9 99.9 100.1 100.5 100.5 100.5 100.6 100.4 100.3	1101
055/13W-05C02 S			12.7	11/21/72 12/27/72 1/31/73 2/27/73 3/29/73 4/10/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	14.7 14.8 15.9 15.9 15.8 15.8 15.3 15.6 16.4 16.1 15.9	-2.0 -2.1 -3.2 -3.2 -3.1 -3.1 -2.6 -2.9 -3.7 -3.4 -3.2	1101								
055/13W-06B01 S 19			15.0	11/21/72 4/10/73	80.7 82.1	-65.7 -67.1	1101	015/16W-34004 S 19			142.2	10/17/72 11/09/72 12/11/72 1/09/73 2/06/73 3/21/73 4/12/73 5/10/73 6/22/73 8/02/73 9/06/73	33.2 33.2 33.2 33.1 33.0 32.5 32.3 32.1 32.2 32.4 32.6	109.0 109.0 109.0 109.1 109.2 109.7 109.9 110.1 110.0 109.8 109.6	1101
055/13W-06B02 S 19			15.2	3/26/73 4/24/73 5/29/73 6/25/73 7/30/73 8/27/73	21.9 22.1 21.8 21.7 22.4 22.3	-6.7 -6.9 -6.6 -6.5 -7.2 -7.1	1101								
055/13W-06R04 S 19			24.0	11/21/72 4/10/73	38.3 37.5	-14.3 -13.5	1101	015/16W-34006 S 19			142.9	10/17/72 11/09/72 12/11/72 1/09/73 2/06/73 3/21/73 4/12/73 5/10/73 6/22/73 8/02/73 9/06/73	28.8 28.9 28.9 28.7 28.6 28.0 27.7 27.5 27.8 28.1 28.2	114.1 114.0 114.0 114.2 114.3 114.9 115.2 115.4 115.1 114.8 114.7	1101
055/13W-06R05 S 19			24.0	10/30/72 11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	31.7 30.9 30.2 32.1 30.9 31.6 31.1 30.6 31.0 32.8 32.6 32.5	-7.7 -6.9 -6.2 -8.1 -6.9 -7.6 -7.1 -6.6 -7.0 -8.8 -8.6 -8.5	1101	015/16W-36K01 S			265.0	12/21/72 4/17/73	101.2 100.4	163.8 164.6	1101
055/13W-06R06 S 19			24.0	11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	32.6 31.8 33.1 32.4 32.6 32.6 32.2 32.4 34.0 33.9 33.8	-8.6 -7.8 -9.1 -8.4 -8.6 -8.6 -8.2 -8.4 -10.0 -9.9 -9.8	1101	025/15W-01P02 S 19			83.7	10/11/72 11/08/72 12/11/72 1/09/73 2/16/73 3/12/73 4/09/73 5/08/73 7/03/73 8/08/73 9/04/73	67.9 67.9 68.0 67.8 68.0 68.1 67.9 67.8 67.5 67.1 67.3	15.8 15.8 15.7 15.9 15.7 15.6 15.8 15.9 16.2 16.4 16.4	1101
055/13W-08P01 S 19			9.3	11/22/72 4/11/73	19.1 19.5	-9.8 -10.2	1101	025/15W-09N09 S 19			26.0	10/12/72 11/08/72 12/11/72 1/09/73 2/16/73 3/12/73 4/11/73 5/07/73 7/03/73 8/08/73 9/04/73	14.2 16.1 15.4 15.4 15.1 15.1 15.0 15.1 15.3 15.4 15.4	9.8 9.9 10.6 10.6 10.9 10.9 11.0 10.9 10.7 10.6 10.6	1101
055/13W-10G03 S			25.4	1/17/73 4/02/73	33.4 26.3	-8.0 -0.9	1101								
055/13W-11H02 S 19			21.4	12/15/72 4/02/73	47.8(8) 46.5(8)	-26.4 -25.1	1101								
SANTA MONICA HYDRO SUBAREA								U-05.A3							
015/15W-12N01 S 19			470.0	10/12/72 11/08/72 1/12/73 4/09/73	62.2 59.4 69.5 70.2	407.8 410.6 400.5 399.8	1101	025/15W-11C07 S 19			98.8	10/12/72 11/08/72 12/11/72 1/09/73 2/16/73 3/09/73 4/11/73 5/08/73 7/03/73 8/08/73 9/04/73	156.0 156.5 154.5 154.1 155.1 136.0 160.5 162.6 161.1 161.8 161.9	-57.2 -57.7 -55.7 -55.1 -56.3 -37.2 -61.7 -63.8 -62.3 -63.0 -63.1	1101
015/15W-23J01 S			308.3	12/20/72 4/09/73	FLOW FLOW		1101								
015/15W-25C01 S			225.0	1/09/73 5/04/73	206.9 192.3	18.1 32.7	1101								
015/15W-28G01 S 19			334.0	12/20/72 4/10/73	74.1 70.0	259.9 264.0	1101	025/15W-11F05 S 19			91.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/07/73 7/14/73 8/14/73 9/14/73	144.5(5) 144.5(5) 144.5(5) 144.5(5) 144.5(5) 139.5(5) 139.5(5) 141.5(5) 141.5(5) 141.5(5) 137.5(5) 147.5(5)	-53.5 -53.5 -53.5 -53.5 -53.5 -48.5 -48.5 -50.5 -50.5 -50.5 -46.5 -56.5	1101
015/15W-29G01 S			353.0	12/20/72 4/10/73	76.6 76.0	276.4 277.0	1101	025/15W-11F08 S 19			92.5	10/14/72 11/14/72 12/14/72	148.0(5) 148.0(5) 148.0(5)	-55.5 -55.5 -55.5	1101
015/15W-30M01 S			326.8	12/20/72 1/23/73 4/10/73	71.0 68.5 62.6	255.8 258.3 264.2	1101	025/15W-13P07 S 19			33.7	12/14/72 4/18/73	66.4 66.2	-32.7 -32.5	1101
015/15W-31E01 S 19			310.0	10/12/72 11/08/72 12/11/72 1/09/73 2/16/73 3/12/73 4/10/73 5/07/73 7/03/73 8/10/73 9/04/73	88.3 87.8 87.0 87.6 85.2 84.0 82.7 82.5 85.5 86.7 87.3	221.7 222.2 223.0 222.4 224.8 226.0 227.3 227.5 224.5 223.3 222.7	1101	025/15W-15F01 S 19			34.0	10/11/72 11/09/72 12/11/72 1/09/73 2/16/73 3/12/73	29.3 29.3 29.2 29.2 28.9 28.7	4.7 4.7 4.8 4.8 5.1 5.3	1101
015/15W-32A05 S 19			236.4	4/10/73 5/02/73	146.6(1) 28.2(5)	89.8 208.2	1101								
015/15W-33D02 S 19			247.2	4/10/73	134.1(1)	113.1	1101								
015/15W-33Q05 S 19			160.0	5/04/73	40.7	119.3	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT HOLLYWOOD HYDRO SUBAREA							
U-05 U-05.A U-05.A3								U-05 U-05.A U-05.A4							
02S/15W-15F01 S 19 (CONTINUED)			34.0	4/11/73 5/07/73 7/02/73 8/08/73 9/04/73	28.6 28.6 28.7 28.8 28.8	5.4 5.4 5.3 5.2 5.2	1101	01S/14W-18J04 S (CONTINUED)			182.5	8/12/73 9/16/73	192.5(5) 192.5(5)	-10.0 -10.0	1101
								CENTRAL HYDRO SUBAREA							
								U-05.A5							
02S/15W-22D04 S 19			13.5	10/11/72 11/09/72 12/11/72 1/09/73 2/16/73 3/09/73 4/11/73 5/07/73 7/02/73 8/08/73 9/04/73	9.7 9.7 9.6 9.6 9.4 8.4 9.3 9.4 9.4 9.4 9.5	3.8 3.8 3.9 3.9 4.1 5.1 4.2 4.1 4.1 4.1 4.0	1101	01S/12W-06H01 S			569.2	10/25/72 11/24/72 1/09/73 2/24/73 3/05/73 4/04/73 5/31/73 6/29/73 7/31/73 9/12/73	25.6 24.7 24.1 21.9 24.8 21.7 22.9 23.1 23.4 26.2	543.6 544.5 545.1 547.3 544.4 547.5 546.3 546.1 545.8 543.0	1101
02S/15W-22E03 S 19			10.0	4/02/73	8.1	1.9	5050	01S/12W-33P02 S 19			255.5	10/31/72 12/31/72 2/28/73 4/30/73 6/13/73 8/31/73	287.0 284.0 282.0 285.0 287.0 288.0	-31.5 -28.5 -26.5 -29.5 -31.5 -32.5	1101
02S/15W-22F05 S 19			10.0	4/02/73	8.0	2.0	5050								
02S/15W-22G01 S			11.0	12/14/72 4/18/73	0.0 0.0	4.2 4.0	1101	01S/12W-34C05 S			360.0	10/01/72 11/01/72 12/01/72 7/01/73 8/01/73 9/01/73	FLOW FLOW FLOW FLOW FLOW FLOW		1101
02S/15W-22R03 S 19			9.0	4/02/73	10.6	-1.6	5050								
02S/15W-23A03 S 19			17.4	12/14/72 4/18/73	18.2 17.4	-0.8 0.0	1101	01S/13W-12K01 S			180.0	12/14/72	NM-9		1101
02S/15W-23M05 S 19			10.0	12/14/72 4/18/73	6.8 6.2	3.2 3.8	1101	01S/13W-14E03 S			366.6	10/26/72 1/31/73 2/21/73 3/29/73 4/27/73 5/24/73 6/26/73 7/26/73 8/29/73 9/25/73	40.5 40.5 39.4 39.8 40.0 40.2 39.4 40.6 40.0 40.4	326.1 326.1 327.2 326.8 326.6 326.4 327.2 326.2 326.6 326.2	1200
02S/15W-23P01 S 19			11.3	12/15/72	21.1	-9.8	1101								
02S/15W-27F02 S 19			15.5	12/14/72 4/18/73	14.0 14.3	1.5 1.2	1101	01S/13W-15H01 S			352.3	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/24/73 5/24/73 6/26/73 7/26/73 8/29/73 9/25/73	52.8 53.0 52.9 53.8 52.5 53.1 51.1 51.0 49.1 49.8 50.5 51.6	299.5 299.3 299.4 298.5 299.8 299.2 301.2 301.3 303.2 302.5 301.8 300.7	1200
02S/15W-27L02 S 19			4.0	4/02/73	1.5	2.5	5050								
02S/15W-28J01 S 19			10.0	12/14/72 4/18/73	7.6 7.8	2.4 2.2	1101	01S/13W-15R02 S 19			321.3	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/24/73	32.2 32.2 31.3 31.8 31.5 31.3 31.2 31.3	289.1 289.1 290.0 289.5 289.8 290.0 290.1 290.0	1200
02S/15W-28O01 S 19			12.9	12/14/72 4/18/73	11.0 10.6	1.9 2.3	1101								
02S/15W-28R02 S 19			10.1	12/14/72 4/18/73	6.4 7.4	3.7 2.7	1101	01S/13W-15R03 S 19			322.1	10/26/72 11/28/72 1/31/73 2/21/73 3/29/73 5/24/73	29.3 29.4 29.2 28.9 28.6 28.2	292.8 292.7 292.9 293.7 293.5 293.4	1200
HOLLYWOOD HYDRO SUBAREA								U-05.A4							
01S/14W-14E01 S 19			280.0	10/11/72 11/30/72 12/11/72 1/09/73 3/12/73 4/10/73 5/08/73 6/01/73 7/03/73 8/10/73 9/04/73	19.7 19.5 19.4 19.5 17.8 18.0 18.5 18.7 18.8 18.9 19.0	260.3 260.5 260.6 260.5 262.2 262.0 261.5 261.3 261.2 261.1 261.0	1101								
01S/14W-17F02 S			188.0	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/17/73 4/15/73 5/13/73 6/17/73 7/15/73 8/12/73 9/16/73	190.0(5) 190.0(5) 190.0(5) 188.0(5) 188.0(5) 183.0(5) 176.0(5) 177.0(5) 178.0(5) 178.0(5) 178.0(5) 180.0(5)	-2.0 -2.0 -2.0 0.0 0.0 5.0 12.0 11.0 10.0 10.0 10.0 8.0	1101	01S/13W-22R01 S			296.4	10/11/72 11/06/72 12/13/72 1/10/73 2/22/73 3/05/73 4/04/73 5/08/73 6/01/73 7/03/73 8/10/73 9/05/73	35.2 35.2 35.1 35.1 35.1 34.0 34.6 34.6 34.7 34.7 34.9 35.4	261.2 261.2 261.3 261.3 261.3 262.4 261.8 261.8 261.7 261.7 261.5 261.0	1101
01S/14W-18J02 S 19			178.0	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/17/73 4/15/73 5/13/73 6/17/73 7/15/73 8/12/73 9/16/73	202.5(5) 201.5(5) 201.5(5) 201.5(5) 200.5(5) 208.5(5) 203.5(5) 197.5(5) 198.5(5) 198.5(5) 179.5(5) 183.5(5)	-24.5 -23.5 -23.5 -23.5 -22.5 -30.5 -25.5 -19.5 -20.5 -20.5 -1.5 -5.5	1101	01S/13W-23N01 S			301.0	12/13/72 4/04/73	22.6 22.3	278.4 278.7	1101
01S/14W-18J04 S			182.5	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/16/73 4/15/73 5/13/73 6/17/73 7/15/73	195.5(5) 197.5(5) 197.5(5) 196.5(5) 196.5(5) 196.5(5) 195.5(5) 194.5(5) 202.5(5) 214.5(5)	-13.0 -15.0 -15.0 -14.0 -14.0 -13.0 -12.0 -20.0 -32.0	1101	01S/13W-27O02 S 19			268.0	12/13/72 5/04/73	56.0 52.5	212.0 215.5	1101
								01S/13W-32J01 S			242.3	12/18/72	145.1	97.2	1101
								01S/13W-33A01 S			260.0	1/17/73 4/12/73	112.2 112.2	147.8 147.8	1101
								01S/13W-35F01 S			523.8	10/27/72 11/28/72 12/27/72 1/26/73 2/23/73 3/29/73	6.6 5.4 5.7 5.6 4.2 4.6	517.2 518.4 518.1 518.2 519.6 519.2	1200

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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
						U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5	
01S/13W-35F01 S (CONTINUED)			523.8	4/27/73	4.2	519.6	1200	02S/11W-06001 S 19			195.1	9/24/73	15.7	179.4	1101
				5/24/73	5.0	518.8									
				6/26/73	5.5	518.3		02S/11W-06004 S 19			196.5	11/28/72	25.1	171.4	1101
				7/24/73	4.5	518.3						4/10/73	15.7	180.8	
				8/29/73	5.0	518.8		02S/11W-06002 S 19			200.5	10/24/72	25.8	174.7	1101
				9/27/73	5.9	517.9						11/28/72	24.1	176.4	
01S/14W-19J04 S 19			159.0	1/12/73	106.4	52.6	1101					12/27/72	21.2	179.3	
				4/11/73	106.4	52.6						1/23/73	19.0	181.5	
01S/14W-19R05 S 19			152.0	1/12/73	109.5	42.5	1101					2/26/73	16.6	183.9	
				4/11/73	102.8	49.2						3/27/73	16.4	183.9	
01S/14W-20M02 S 19			145.0	4/09/73	200.4 (6)	-55.4	1101					4/24/73	17.1	183.4	
				5/04/73	137.7	7.3						5/29/73	17.4	183.1	
01S/14W-29D02 S 19			129.7	10/11/72	159.4	-29.7	1101					6/26/73	17.5	183.0	
				11/08/72	159.4	-29.7		02S/11W-07R01 S 19			196.0	10/23/72	30.2	165.8	1733
				12/11/72	157.3	-27.6						11/27/72	28.6	167.4	
				1/09/73	158.5	-28.8						12/26/72	25.3	170.7	
				2/16/73	155.7	-26.0						1/22/73	23.2	172.8	
				3/12/73	155.7	-26.0						2/26/73	20.4	175.6	
				4/09/73	156.2	-26.5						3/26/73	19.2	176.8	
				5/08/73	155.2	-25.5						4/23/73	19.8	176.2	
				6/01/73	155.6	-25.9						5/28/73	20.1	175.9	
				7/03/73	155.6	-25.9						6/25/73	20.2	175.8	
				8/10/73	155.4	-25.7						7/23/73	19.9	176.1	
				9/04/73	155.2	-25.5						8/27/73	19.3	176.7	
01S/14W-29D03 S 19			127.0	1/12/73	112.0	15.0	1101					9/24/73	18.8	177.2	
				4/09/73	165.8	-38.8		02S/11W-07R03 S 19			197.5	10/20/72	35.0 (5)	162.5	1101
01S/14W-30G01 S			151.2	12/28/72	21.7	129.5	1101					12/15/72	30.0 (5)	167.5	
				4/09/73	19.6	131.6						1/11/73	30.0 (5)	167.5	
01S/14W-32K01 S 19			91.0	10/15/72	199.7 (5)	-108.7	1101					2/15/73	28.0 (5)	169.5	
				11/19/72	200.7 (5)	-109.7						3/15/73	27.0 (5)	170.5	
				12/17/72	195.7 (5)	-104.7						4/15/73	26.0 (5)	171.5	
				1/14/73	193.7 (5)	-102.7						5/15/73	25.0 (5)	172.5	
				2/18/73	195.7 (5)	-104.7						6/15/73	25.0 (5)	172.5	
				3/17/73	188.7 (5)	-97.7						7/15/73	24.0 (5)	173.5	
				4/15/73	189.7 (5)	-98.7						8/15/73	25.0 (5)	172.5	
				5/13/73	195.7 (5)	-104.7						9/15/73	24.0 (5)	173.5	
				6/17/73	192.7 (5)	-101.7		02S/11W-07R05 S 19			198.0	10/20/72	37.0	161.0	1101
				7/15/73	198.7 (5)	-107.7						11/20/72	37.0	161.0	
				8/12/73	195.7 (5)	-104.7						12/15/72	32.0	166.0	
				9/16/73	189.7 (5)	-98.7						1/11/73	29.0	169.0	
01S/14W-32L01 S 19				10/11/72	36.7	54.8	1101					2/15/73	27.0	171.0	
				11/08/72	36.5	55.0						3/15/73	28.0	170.0	
				12/11/72	36.0	55.5						4/15/73	25.0	173.0	
				1/09/73	35.8	55.7						5/15/73	24.0	174.0	
				2/16/73	35.3	56.2						6/15/73	25.0	173.0	
				3/12/73	34.8	56.7						7/15/73	24.0	174.0	
				4/09/73	34.7	56.8						8/15/73	25.0	173.0	
				5/08/73	33.9	57.6						9/15/73	24.0	174.0	
				6/01/73	33.9	57.6		02S/11W-07C04 S 19			188.8	10/24/72	26.4	162.4	1101
				7/03/73	33.7	57.8						11/28/72	24.6	164.2	
				8/10/73	33.6	57.9						12/27/72	22.3	166.5	
				9/04/73	33.5	58.0						1/23/73	18.1	170.7	
01S/14W-32M05 S 19			88.0	10/15/72	217.4 (5)	-129.4	1101					2/26/73	15.3	173.5	
				11/12/72	217.4 (5)	-129.4						3/27/73	14.1	174.7	
01S/14W-32M06 S			90.0	10/15/72	197.0 (5)	-107.0	1101					4/24/73	15.7	173.1	
				11/19/72	193.0 (5)	-103.0						5/29/73	16.2	172.6	
				2/25/73	176.0 (5)	-86.0						6/25/73	16.3	172.5	
				3/17/73	176.0 (5)	-86.0						7/23/73	16.1	172.7	
				4/08/73	179.0 (5)	-89.0						8/27/73	15.2	173.6	
				5/13/73	181.0 (5)	-91.0						9/24/73	13.7	175.1	
				6/17/73	187.0 (5)	-97.0		02S/11W-07D04 S 19			187.6	10/24/72	27.7	159.9	1101
				7/15/73	181.0 (5)	-91.0						11/27/72	29.0	158.6	
				8/12/73	181.0 (5)	-91.0						12/27/72	23.3	164.3	
				9/16/73	182.0 (5)	-92.0						1/23/73	20.4	167.2	
01S/15W-33C01 S			225.0	12/20/72	FLOW		1101					2/26/73	16.7	170.9	
				4/10/73	FLOW							3/27/73	15.4	172.2	
02S/11W-06G02 S 19			207.0	10/23/72	18.1	188.9	1733					5/29/73	18.0	169.6	
				11/27/72	16.3	190.7						6/25/73	18.2	169.4	
				12/26/72	15.4	191.6						7/23/73	18.0	169.6	
				1/22/73	14.6	192.4						8/27/73	16.8	170.8	
				2/26/73	14.4	192.6						9/24/73	13.8	173.8	
				3/26/73	14.5	192.5		02S/11W-07D07 S 19			186.0	10/24/72	27.2	158.4	1101
				4/23/73	14.8	192.2						11/27/72	26.4	159.6	
				5/28/73	14.9	192.1						12/27/72	23.4	162.6	
				6/25/73	14.7	192.3						1/23/73	20.2	165.8	
				7/23/73	14.9	192.1						2/26/73	16.3	169.7	
				8/27/73	14.9	192.1						3/27/73	14.9	171.1	
				9/24/73	15.2	191.8						4/29/73	16.8	169.2	
02S/11W-06001 S 19			195.1	10/24/72	26.7	168.4	1101					5/29/73	17.8	168.2	
				11/28/72	24.6	170.5						6/25/73	17.9	168.1	
				12/27/72	20.9	174.2						7/23/73	17.8	168.2	
				1/23/73	17.7	177.4						8/27/73	16.6	169.4	
				2/26/73	15.7	179.4						9/24/73	12.2	173.8	
				3/27/73	15.5	179.6		02S/11W-07D08 S 19			191.1	10/24/72	29.8	161.3	1101
				4/24/73	16.3	178.8						11/27/72	28.5	162.6	
				5/29/73	16.8	178.3						12/27/72	24.6	166.5	
				6/26/73	16.5	178.6						1/23/73	21.8	169.3	
				7/23/73	16.6	178.5						2/26/73	18.8	172.3	
				8/27/73	15.9	179.2						3/27/73	17.5	173.6	
												4/24/73	19.3	171.8	
												5/29/73	19.8	171.3	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
02S/11W-07D08 S 19			191.1	6/25/73	20.0	171.1	1101	02S/11W-16D02 S			307.0	8/14/73	92.0(5)	215.0	1101
(CONTINUED)				7/23/73	20.3	170.8		(CONTINUED)				9/14/73	92.0(5)	215.0	
				8/27/73	18.7	172.4									
				9/24/73	16.7	174.4									
02S/11W-07H01 S 19			187.9	11/28/72	22.0(5)	165.9	1101	02S/11W-18R02 S 19			185.0	10/23/72	52.0	133.0	1733
				12/27/72	16.0(5)	171.9						11/27/72	46.7	138.3	
				1/23/73	18.0(5)	169.9						12/26/72	42.0	143.0	
				2/26/73	16.0(5)	171.9						1/22/73	38.6	146.4	
				3/26/73	14.0(5)	173.9						2/26/73	35.3	149.7	
				4/10/73	18.7	169.2						3/26/73	33.0	152.0	
				6/25/73	14.0(5)	173.9						4/23/73	31.5	153.5	
				7/23/73	14.0(5)	173.9						5/28/73	29.7	155.3	
				8/27/73	13.0(5)	174.9						6/25/73	30.0	155.0	
				9/24/73	12.0(5)	175.9						7/23/73	28.3	156.7	
												8/27/73	27.7	157.3	
												9/24/73	27.2	157.8	
02S/11W-07H02 S 19			190.2	4/10/73	14.8	175.4	1101	02S/11W-18R05 S 19			178.0	2/12/73	45.0	133.0	1101
02S/11W-07H03 S 19			192.6	4/10/73	15.8	176.8	1101					7/24/73	49.0	129.0	
02S/11W-07H04 S 19			191.0	11/20/72	21.8	169.2	1101	02S/11W-18C03 S 19			180.5	2/12/73	51.0	129.5	1101
				4/10/73	14.2	176.8						7/24/73	44.1	136.4	
02S/11W-07J01 S 19			187.0	10/16/72	21.5	165.5	1101	02S/11W-18H01 S 19			211.5	10/24/72	80.9	130.6	1101
				11/20/72	17.5	169.5						11/27/72	79.7	131.8	
				12/11/72	15.5	171.5						12/26/72	77.0	134.5	
				1/01/73	14.5(5)	172.5						1/22/73	73.7	137.8	
				2/05/73	13.5(5)	173.5						2/26/73	70.0	141.5	
				3/12/73	11.5(5)	175.5						3/27/73	66.5	145.0	
				4/23/73	7.5(5)	179.5						4/23/73	65.6	145.9	
				5/28/73	7.5(5)	179.5						5/29/73	63.8	147.7	
				6/18/73	7.5(5)	179.5						6/25/73	64.7	146.8	
				7/02/73	7.5(5)	179.5						7/23/73	62.7	148.8	
				8/06/73	8.5	178.5						8/27/73	61.0	150.5	
				9/03/73	7.5	179.5						9/24/73	61.0	150.5	
02S/11W-07J03 S 19			189.4	11/17/72	15.1	174.3	1101	02S/11W-18K02 S 19			178.0	10/24/72	79.6	98.4	1101
				4/10/73	14.0	175.4						11/27/72	78.5	99.5	
02S/11W-07J05 S 19			186.7	4/10/73	14.2	172.5	1101					12/26/72	70.6	107.4	
02S/11W-07J06 S 19			189.8	4/10/73	16.9	172.9	1101					1/22/73	64.4	113.6	
02S/11W-07K01 S 19			186.5	4/10/73	23.2	163.3	1101					2/26/73	58.6	119.4	
02S/11W-07M04 S 19			186.0	2/12/73	38.6	147.4	1101					3/27/73	56.0	124.0	
02S/11W-07P01 S			184.5	10/24/72	DRY		1101					4/23/73	53.5	124.5	
				11/28/72	DRY							5/29/73	51.8	126.2	
				12/27/72	DRY							6/25/73	51.5	126.5	
				1/23/73	DRY							7/23/73	48.6	129.4	
				2/26/73	DRY							8/27/73	47.2	130.8	
				3/27/73	NM-6							9/24/73	47.5	130.5	
02S/11W-07P02 S 19			185.0	6/25/73	36.5(4)	148.5	1733	02S/11W-18K03 S 19			173.0	10/16/72	77.3	95.7	1101
				7/23/73	34.7(4)	150.3						11/13/72	76.3	96.7	
				8/27/73	32.5(4)	152.5						12/18/72	72.3	100.7	
				9/24/73	33.8(4)	151.2						1/01/73	69.3(5)	103.7	
02S/11W-07Q03 S 19			187.9	4/10/73	24.9	163.0	1101					2/05/73	61.3(5)	111.7	
02S/11W-07P01 S 19			183.5	11/20/72	32.4	151.1	1101					3/12/73	53.3(5)	119.7	
			185.5	4/10/73	19.5	166.0						4/23/73	52.3(5)	120.7	
				8/27/73	16.6	168.9						5/28/73	50.3(5)	122.7	
				9/24/73	16.5	169.0						6/18/73	50.3(5)	122.7	
02S/11W-07R02 S			186.1	4/10/73	15.5	170.6	1101					7/02/73	51.3(5)	121.7	
02S/11W-08D04 S 19			201.5	4/10/73	18.0	183.5	1101					8/06/73	48.3	124.7	
02S/11W-08E02 S 19			199.0	11/17/72	16.4	182.6	1101					9/03/73	44.3	128.7	
				4/10/73	15.3	183.7									
02S/11W-08F02 S 19			197.0	11/17/72	9.1	187.9	1101	02S/11W-18L08 S 19			173.6	10/24/72	72.9	100.7	1101
				4/10/73	9.4	187.6						11/27/72	69.7	103.9	
02S/11W-08M01 S 19			197.2	11/20/72	22.8	174.4	1101					12/26/72	63.9	109.7	
				4/10/73	18.9	178.3						1/22/73	57.5	116.1	
02S/11W-08N01 S 19			202.0	10/23/72	47.2	154.8	1733					2/26/73	51.6	122.0	
				11/27/72	40.7	161.3						3/27/73	48.2	125.4	
				12/26/72	37.0	165.0						4/23/73	48.1	125.5	
				1/22/73	35.4	166.6						5/29/73	46.3	127.3	
				2/26/73	33.7	168.3						6/25/73	46.4	127.2	
				3/26/73	31.7	170.3						7/23/73	44.4	129.2	
				4/23/73	31.7	170.3						8/27/73	42.8	130.4	
				5/28/73	30.8	171.2						9/24/73	44.5	129.1	
				6/25/73	30.7	171.3		02S/11W-18L09 S 19			172.5	10/24/72	44.2	128.3	1101
				7/23/73	30.1	171.9						11/27/72	36.5	136.1	
				8/27/73	29.5	172.5						12/26/72	29.3	143.2	
				9/24/73	29.9	172.1						1/22/73	24.7	147.8	
02S/11W-16D02 S			307.0	10/14/72	96.0(5)	211.0	1101					2/26/73	24.3	148.2	
				11/14/72	94.0(5)	213.0						3/27/73	25.2	147.1	
				12/14/72	92.5(5)	214.5						4/23/73	24.0	148.5	
				1/14/73	93.0(5)	214.0						5/29/73	18.2	154.1	
				2/14/73	93.0(5)	214.0						6/25/73	18.0	154.5	
				3/14/73	90.0(5)	217.0						7/23/73	14.5	158.0	
				4/14/73	83.0(5)	224.0						8/27/73	14.7	157.8	
				5/14/73	86.0(5)	221.0						9/24/73	14.2	158.3	
				6/14/73	88.0(5)	219.0		02S/11W-18M03 S 19			177.0	10/24/72	88.5	88.5	1101
				7/21/73	89.0(5)	218.0						11/27/72	87.4	89.6	
												12/26/72	74.2	102.8	
												1/22/73	63.1	113.9	
												2/26/73	52.8	124.2	
												3/27/73	46.5	130.5	
												4/23/73	46.1	130.4	
												5/29/73	43.8	133.2	
												6/25/73	43.0	134.0	
												7/23/73	41.7	135.3	
												8/27/73	40.0	137.0	
												9/24/73	42.1	134.9	
02S/11W-18001 S 19			175.0	10/20/72	78.5(5)	96.5	1101								
				11/20/72	79.5(5)	95.5									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
02S/11W-18001 S 19 (CONTINUED)			175.0	12/15/72	72.5(5)	102.5	1101	02S/11W-19M01 C 19			160.0	12/07/72	74.3	85.7	1101
				1/11/73	65.5(5)	109.5						4/05/73	54.2	105.8	
				2/15/73	62.5(5)	112.5		02S/11W-19M07 C 19			160.0	10/23/72	62.0	98.0	1733
				3/15/73	59.5(5)	115.5						11/27/72	48.4	111.6	
				4/15/73	51.5(5)	123.5						12/26/72	42.7	117.3	
				5/15/73	57.5(5)	117.5						1/22/73	37.4	122.6	
				6/15/73	53.5(5)	121.5						2/26/73	35.6	124.4	
				7/15/73	56.5(5)	118.5						3/26/73	29.8	130.2	
				8/15/73	51.5(5)	123.5						4/23/73	29.5	130.5	
				9/15/73	52.5(5)	122.5						5/28/73	30.1	129.9	
02S/11W-18006 S 19			170.0	10/20/72	79.5(5)	90.5	1101	02S/11W-29F05 C 19			155.0	10/24/72	56.8	98.2	1101
				11/20/72	82.5(5)	87.5						11/27/72	56.9	98.1	
				12/15/72	72.5(5)	97.5						12/26/72	54.5	100.5	
				1/11/73	65.5(5)	104.5						1/22/73	54.3	100.7	
				2/15/73	62.5(5)	107.5						2/26/73	49.9	105.1	
				3/15/73	63.5(5)	106.5						3/28/73	47.2	107.8	
				4/15/73	52.5(5)	117.5						4/23/73	46.7	108.3	
				5/15/73	52.5(5)	117.5						5/29/73	45.8	109.2	
				6/15/73	53.5(5)	116.5						6/25/73	45.2	109.8	
				7/15/73	56.5(5)	113.5						7/23/73	43.4	111.6	
				8/15/73	51.5(5)	118.5						8/28/73	42.1	112.9	
				9/15/73	50.5(5)	119.5						9/24/73	41.9	113.1	
02S/11W-19C01 S 19			170.3	11/27/72	19.7	150.6	1101	02S/11W-30M01 C 19			158.5	10/24/72	65.4	93.1	1101
				12/26/72	38.6	131.7						11/27/72	62.8	95.7	
				1/22/73	27.8	142.5						12/26/72	57.1	101.4	
				2/26/73	32.7	137.6						1/22/73	54.0	104.5	
				3/27/73	29.5	140.8						2/26/73	49.5	109.0	
				4/23/73	18.5	151.8						3/27/73	45.5	113.0	
				5/29/73	8.6	161.7						4/23/73	45.4	113.1	
				6/25/73	21.6	148.7						5/29/73	44.2	114.3	
				7/23/73	26.0	144.3						6/25/73	42.2	116.3	
				8/27/73	10.8	159.5						7/23/73	39.1	119.4	
				9/24/73	15.7	154.6						8/27/73	39.2	119.3	
												9/24/73	39.5	119.0	
02S/11W-19F07 S 19			161.3	1/22/73	42.6	118.7	1101	02S/11W-30G02 C 19			157.7	12/06/72	55.6	102.1	1101
				2/26/73	36.0	125.3						1/22/73	54.9	102.8	
				3/27/73	32.6	128.7						2/26/73	51.3	106.4	
				4/23/73	34.6	126.7						3/28/73	49.1	108.6	
				5/29/73	31.4	129.9						4/23/73	47.7	110.0	
				6/25/73	31.6	129.7						5/29/73	52.1	105.6	
				7/23/73	27.1	134.2						6/25/73	44.2	113.5	
				8/23/73	24.6	136.7						7/23/73	42.5	115.2	
				9/24/73	26.6	134.7						8/27/73	40.1	117.6	
												9/24/73	40.6	117.1	
02S/11W-19F08 S 19			160.2	11/27/72	1.4	158.8	1101	02S/11W-30M01 C 19			151.5	10/24/72	71.5	80.0	1101
				12/26/72	8.4	151.8						11/27/72	65.4	86.1	
				1/22/73	2.1	158.1						12/26/72	60.9	90.6	
				2/26/73	6.6	153.6						1/22/73	59.0	92.5	
				3/27/73	3.5	156.7						2/26/73	55.7	95.4	
				4/23/73	9.4	150.8						3/27/73	49.0	102.5	
				5/29/73	0.4	159.8						4/23/73	50.4	101.1	
				6/24/73	7.4	152.8						5/29/73	48.5	103.0	
				7/23/73	-0.7	160.9						6/25/73	48.0	103.5	
				8/27/73	7.4	152.8						7/23/73	46.1	105.4	
				9/24/73	1.0	159.2						8/23/73	44.4	107.1	
02S/11W-19F09 S 19			160.9	10/24/72	44.9	116.0	1101					9/24/73	41.8	107.7	
				11/27/72	46.1	114.8		02S/11W-31R04 C			155.0	6/28/73	64.5	90.5	1101
				12/26/72	46.2	114.7						7/23/73	60.2	94.8	
				1/22/73	46.0	114.9						8/27/73	58.3	96.7	
				2/26/73	43.1	117.8						9/24/73	57.4	97.6	
				3/27/73	37.2	123.7		02S/11W-32J04 C 19			144.0	12/12/72	42.0	102.0	1101
				4/23/73	35.0	125.9						4/06/73	38.1	105.9	
				5/29/73	35.3	125.6		02S/11W-32K05 C 19			150.0	10/24/72	46.1	103.9	1101
				6/25/73	33.3	127.6						12/06/72	44.7	105.3	
				7/23/73	30.5	130.4						1/22/73	43.4	106.6	
				8/27/73	26.3	134.6						2/26/73	46.5	103.5	
				9/24/73	24.8	136.1						3/27/73	43.8	106.2	
02S/11W-19F14 S 19			164.4	10/24/72	65.0	99.4	1101					5/29/73	42.0	108.0	
				11/27/72	54.9	109.5						6/25/73	43.9	106.1	
				12/26/72	51.3	113.1						7/23/73	42.0	108.0	
				1/22/73	44.6	119.8						8/27/73	43.0	107.0	
				2/26/73	39.6	124.8						9/24/73	42.0	108.0	
				3/27/73	32.7	131.7		02S/11W-32003 C 19			153.0	4/06/73	66.0	87.0	1101
				4/23/73	32.7	131.7						10/16/72	40.8	107.2	1733
				5/29/73	29.4	135.0						11/06/72	41.3	106.7	
				6/25/73	27.7	136.7						12/18/72	40.2	107.8	
				7/23/73	30.2	134.2						1/08/73	39.9	108.1	
				8/27/73	28.6	135.8						2/19/73	38.4	109.6	
				9/24/73	27.6	136.8						3/12/73	37.8	110.2	
02S/11W-19F01 S 19			159.0	12/07/72	70.9(8)	88.1	1101					4/02/73	37.1	110.9	
				4/11/73	50.2	108.8						5/14/73	37.2	110.8	
02S/11W-19F02 S 19			168.0	10/20/72	79.0(5)	89.0	1101					6/04/73	36.9	111.1	
				11/20/72	72.0(5)	96.0						7/16/73	37.5	110.5	
				12/15/72	66.0(5)	102.0						8/06/73	37.2	110.8	
				1/11/73	62.0(5)	106.0						9/17/73	36.8	111.2	
				2/15/73	55.0(5)	113.0		02S/11W-33M01 S 19			140.3	11/01/72	83.5	56.8	1101
				3/15/73	55.0(5)	113.0									
				4/15/73	50.0(5)	118.0									
				5/15/73	56.0(5)	112.0									
				6/15/73	46.0(5)	122.0									
				7/15/73	43.0(5)	125.0									
				8/15/73	46.0(5)	122.0									
				9/15/73	46.0(5)	122.0									

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
02S/11W-33M01 S 19 (CONTINUED)			140.3	1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	81.5(5) 77.5(5) 56.5(5) 60.0(5) 60.5(5)	58.8 62.8 83.8 80.3 79.8	1101	02S/12W-05J01 S 19 (CONTINUED)			203.0	4/30/73 6/30/73 8/31/73	234.3 235.3 239.3	-31.3 -32.3 -36.3	1101
02S/11W-35R01 S 19			255.0	11/01/72 1/11/73 3/12/73 5/01/73 9/04/73	194.0(5) 192.0(5) 190.0(5) 186.0(5) 196.0(5)	61.0 63.0 65.0 69.0 59.0	1101	02S/12W-05M01 S 19			196.5	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	218.5 221.5 216.5 196.5 210.5 212.5	-22.0 -25.0 -20.0 0.0 -14.0 -16.0	1101
02S/12W-01J01 S 19			193.8	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73	32.7 32.7 31.7 27.2 23.2 21.0 23.8	161.1 161.1 162.1 166.6 170.6 172.8 170.0	1101	02S/12W-05P02 S 19			196.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	230.2 230.2 223.2 223.2 222.2 223.2	-34.2 -34.2 -27.2 -27.2 -26.2 -27.2	1101
02S/12W-01J02 S 19			196.2	11/10/72 4/03/73	36.4 24.5	159.8 171.7	1101	02S/12W-05P01 S 19			118.8	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	143.3 137.3 147.3 144.3 140.3 141.3	-24.5 -18.5 -28.5 -25.5 -21.5 -22.5	1101
02S/12W-01P01 S 19			190.9	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/29/73 7/23/73 8/27/73 9/24/73	30.4 30.4 28.0 24.6 20.4 18.5 21.3 22.2 22.9 22.4 21.0 16.5	160.5 160.5 162.9 166.3 170.5 172.4 169.6 168.7 168.0 168.5 169.9 174.4	1101	02S/12W-06K01 S 19			210.0	1/17/73 4/03/73	197.9 205.8	12.1 4.2	1101
02S/12W-01P02 S 19			186.6	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	33.0 29.0 28.0 28.0 25.0 19.0 23.0 20.0 21.0 21.0 19.0 15.0	153.6 157.6 158.6 158.6 161.6 167.6 163.6 166.6 165.6 165.6 167.6 171.6	1101	02S/12W-06K04 S 19			210.5	12/14/72 1/17/73	NM-3 NM-3		1101
02S/12W-01P07 S 19			186.3	1/23/73 3/27/73 4/24/73 5/29/73 6/25/73 8/27/73 9/24/73	10.9 3.4 13.9 16.2 16.5 16.0 12.3	175.4 182.9 172.4 170.1 169.8 170.3 174.0	1101	02S/12W-06M01 S 19			224.9	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	238.0 234.0 230.0 231.0 213.0 223.0	-13.1 -9.1 -5.1 -6.1 -8.1 1.4	1101
02S/12W-01P09 S 19			188.4	12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	27.4 23.9 18.4 17.1 19.9 20.9 21.0 20.9 19.4 13.8	161.0 164.5 170.0 171.3 164.5 167.5 167.4 167.5 169.0 174.6	1101	02S/12W-06P04 S 19			195.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	241.5 231.5 226.5 254.5 259.5 260.5	-46.5 -36.5 -31.5 -59.5 -64.5 -65.5	1101
02S/12W-03C01 S 19			246.0	11/10/72 4/04/73	218.0(8) 218.9	28.0 27.1	1101	02S/12W-07C01 S 19			188.6	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	209.0 207.0 207.0 207.0 210.0 211.0	-20.4 -18.4 -18.4 -18.4 -21.4 -22.4	1101
02S/12W-04C01 S 19			245.8	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	276.0 275.0 273.0 275.0 276.0 278.0	-30.2 -29.2 -27.2 -29.2 -30.2 -32.2	1101	02S/12W-07C02 S 19			185.8	10/31/72 12/31/72 2/28/73	226.0 217.0 214.0	-40.2 -31.2 -28.2	1101
02S/12W-04F02 S 19			228.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	238.0 240.0 232.0 236.0 234.0 234.0	-10.0 -12.0 -4.0 -8.0 -6.0 -6.0	1101	02S/12W-07C03 S 19			193.0	10/31/72 12/31/72 2/28/73	242.9 232.9 227.9	-49.9 -39.9 -34.9	1101
02S/12W-05A01 S 19			228.3	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	263.0 257.0 256.0 258.0 260.0 261.0	-34.7 -28.7 -27.7 -29.7 -31.7 -32.7	1101	02S/12W-07D01 S 19			182.5	2/28/73	225.0	-42.5	1101
02S/12W-05B01 S 19			259.5	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	227.0 232.0 226.0 225.0 225.0 225.0	32.5 27.5 33.5 34.5 34.5 34.5	1101	02S/12W-07D01 S 19			168.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	212.2 203.2 199.2 212.2 215.2 216.2	-44.2 -35.2 -31.2 -44.2 -47.2 -48.2	1101
02S/12W-05J01 S 19			203.0	10/31/72 12/31/72 2/28/73	240.3 234.3 232.3	-37.3 -31.3 -29.3	1101	02S/12W-07H01 S 19			163.3	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	208.5 200.5 198.5 203.5 208.5 208.5	-45.2 -37.2 -35.2 -40.2 -45.2 -45.2	1101
								02S/12W-08R01 S 19			180.8	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	200.0 195.0 193.0 194.0 197.0 198.0	-19.2 -14.2 -12.2 -13.2 -16.2 -17.2	1101
								02S/12W-08C01 S 19			174.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	210.8 203.8 200.8 207.8 211.8	-36.8 -29.8 -26.8 -33.8 -37.8	1101
								02S/12W-08F01 S 19			161.0	10/31/72 12/31/72	201.4 197.4	-40.4 -36.4	1101



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
02S/12W-08F01 S 19 (CONTINUED)			161.0	2/28/73 4/30/73 6/30/73 8/31/73	195.4 197.4 200.4 201.4	-34.4 -36.4 -39.4 -40.4	1101	02S/12W-12A06 S 19			181.0	9/24/73	5.1	175.9	1101
02S/12W-08K01 S 19			157.5	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	166.0 163.0 159.0 161.0 162.0 164.0	-8.5 -5.5 -1.5 -3.5 -4.5 -6.5	1101	02S/12W-12F05 S 19			200.0	10/18/72 11/18/72 12/18/72 1/16/73 2/16/73 3/19/73 4/15/73 5/19/73 6/19/73 7/16/73 8/16/73 9/16/73	110.0(5) 107.0(5) 106.0(5) 94.0(5) 91.0(5) 87.0(5) 92.0(5) 86.0(5) 86.0(5) 89.0(5) 84.0(5) 82.0(5)	90.0 93.0 94.0 106.0 109.0 113.0 108.0 114.0 114.0 111.0 116.0 118.0	1101
02S/12W-08P01 S 19			148.4	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	184.0 177.0 173.0 176.0 178.0 180.0	-35.6 -28.6 -24.6 -27.6 -29.6 -31.6	1101	02S/12W-12F06 S 19			205.0	10/18/72 11/18/72 12/18/72 1/16/73 2/21/73 3/18/73 4/19/73 5/18/73 6/15/73 7/23/73 8/16/73 9/16/73	104.0(5) 103.0(5) 100.0(5) 94.0(5) 94.0(5) 86.0(5) 92.0(5) 87.0(5) 90.0(5) 90.0(5) 93.0(5) 79.0(5)	101.0 102.0 105.0 111.0 111.0 119.0 113.0 118.0 115.0 115.0 112.0 126.0	1101
02S/12W-09W01 S 19			160.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	155.0 151.0 153.0 151.0 151.0 153.0	5.0 9.0 7.0 9.0 9.0 7.0	1101	02S/12W-12F04 S 19			178.0	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 8/27/73 9/24/73	38.7 40.3 38.9 36.4 26.4 25.6 28.1 28.0 27.8 24.6 15.0	139.3 137.7 139.1 141.6 151.6 152.4 149.9 150.0 150.2 153.4 163.0	1101
02S/12W-10J01 S 19			193.1	10/31/72 12/31/72 4/30/73 8/31/73	113.0 107.0 106.0 93.0	80.1 86.1 87.1 100.1	1101	02S/12W-12M02 S 19			211.0	10/18/72 11/18/72 12/18/72 1/16/73 2/21/73 3/17/73 4/17/73 5/18/73 6/16/73 7/16/73 8/16/73 9/16/73	95.0(5) 92.0(5) 93.0(5) 93.0(5) 80.0(5) 76.0(5) 83.0(5) 95.0(5) 94.0(5) 95.0(5) 88.0(5) 85.0(5)	116.0 119.0 118.0 118.0 131.0 135.0 128.0 116.0 117.0 116.0 123.0 126.0	1101
02S/12W-10K03 S			193.0	10/31/72	NW-0		1101	02S/12W-12M01 S 19			173.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	66.5(5) 60.5(5) 55.5(5) 50.5(5) 41.5(5) 36.5(5) 34.5(5) 32.5(5) 32.5(5) 28.5(5) 30.5(5) 29.5(5)	106.5 112.5 117.5 122.5 131.5 136.5 138.5 140.5 140.5 144.5 142.5 143.5	1101
02S/12W-10M02 S 19			187.7	10/02/72 11/06/72 12/04/72 1/01/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/03/73	118.4 118.7 116.3 111.9 108.3 103.1 101.0 100.5 99.0 98.6 98.3 98.0	69.3 69.0 71.4 75.8 79.4 84.6 86.7 87.2 88.7 89.1 89.4 89.7	1733	02S/12W-12P01 S 19			181.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	63.2 60.5 55.2 50.7 41.4 37.5 37.6 35.9 35.2 34.6 32.9 36.1	117.8 120.5 125.8 130.3 139.6 143.5 143.4 145.1 145.8 146.4 148.1 144.9	1733
02S/12W-11R03 S 19			181.7	11/27/72 1/24/73 3/27/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	77.5(5) 73.1 54.5(5) 51.5(5) 50.5(5) 49.5(5) 49.5(5) 49.5(5)	104.2 108.6 127.2 130.2 131.2 132.2 132.2 132.2	1101	02S/12W-12P01 S 19			181.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	63.2 60.5 55.2 50.7 41.4 37.5 37.6 35.9 35.2 34.6 32.9 36.1	117.8 120.5 125.8 130.3 139.6 143.5 143.4 145.1 145.8 146.4 148.1 144.9	1733
02S/12W-12A01 S 19			185.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	33.0(5) 35.0(5) 30.0(5) 28.0(5) 26.0(5) 21.0(5) 21.0(5) 21.0(5) 22.0(5) 23.0(5) 21.0(5) 20.0(5)	152.0 150.0 155.0 157.0 159.0 164.0 164.0 164.0 163.0 163.0 165.0 166.0	1101	02S/12W-12A03 S 19			185.0	11/10/72 4/03/73	29.0 15.4	156.0 169.6	1101
02S/12W-12A05 S 19			186.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	35.0(5) 34.0(5) 32.0(5) 30.0(5) 27.0(5) 23.0(5) 24.0(5) 23.0(5) 23.0(5) 21.0(5) 19.0(5) 18.0(5)	151.0 152.0 154.0 156.0 159.0 163.0 162.0 163.0 163.0 164.0 166.0 167.0	1101	02S/12W-12A06 S 19			181.0	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73	25.4 26.1 24.1 21.8 11.8 16.5 16.1 17.0 17.1 16.8 15.0	155.6 154.9 156.9 159.2 169.2 164.5 164.9 164.0 163.9 164.2 166.0	1101
02S/12W-12A06 S 19			181.0	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73	25.4 26.1 24.1 21.8 11.8 16.5 16.1 17.0 17.1 16.8 15.0	155.6 154.9 156.9 159.2 169.2 164.5 164.9 164.0 163.9 164.2 166.0	1101	02S/12W-13C01 S 19			170.0	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73	78.6 66.8 37.6 39.6 30.7 31.7 19.3 19.3 19.0 18.4	91.4 103.2 132.4 130.4 139.3 138.3 150.7 150.7 151.0 151.6	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
02S/12W-13C01 S 19			170.0	8/28/73	27.7	142.3	1101	02S/12W-13M04 S 19			165.4	7/24/73	26.3	139.1	1101
(CONTINUED)				9/25/73	39.9	130.1		(CONTINUED)				8/28/73	25.4	140.0	
02S/12W-13E01 S 19			173.7	10/02/72	81.2	92.5	1733	02S/12W-14R0A S 19			169.0	10/25/72	83.0	86.0	1101
				11/04/72	76.1	97.6						11/27/72	75.6	93.4	
				12/04/72	66.2	107.5						12/26/72	65.5	103.5	
				1/01/73	38.3	135.4						1/24/73	56.5	112.5	
				2/05/73	33.3	140.4						2/26/73	50.6	118.4	
				3/05/73	26.6	147.1						3/27/73	47.1	121.9	
				4/02/73	32.8	140.9						4/23/73	51.6(2)	117.4	
				5/07/73	22.1	151.6						5/29/73	44.7(2)	124.3	
				6/04/73	21.4	152.3						6/27/73	43.6	125.4	
				7/02/73	20.8	152.9						7/24/73	52.4(4)	116.6	
				8/06/73	13.1	160.6						8/27/73	54.2(4)	114.8	
				9/03/73	26.9	146.8						9/24/73	53.4(4)	115.6	
02S/12W-13E02 S 19			169.7	12/26/72	17.9	151.8	1101	02S/12W-14G05 S 19			163.1	12/26/72	51.2	111.9	1101
				1/23/73	24.4	145.3						1/23/73	34.2	128.9	
				2/26/73	18.6	151.1						2/26/73	33.7	129.4	
				3/27/73	22.9	146.8						3/27/73	26.6	136.5	
				4/24/73	32.2	137.5						4/24/73	37.6	125.5	
				5/29/73	7.5	162.2						5/30/73	30.4	132.7	
				6/26/73	7.8	161.9						6/26/73	23.9	139.2	
				7/24/73	7.1	162.6						7/24/73	24.7	138.4	
				8/28/73	20.0	149.7						8/28/73	22.3	140.8	
				9/25/73	38.0	131.7						9/25/73	43.1	120.0	
02S/12W-13F06 S 19			167.0	10/24/72	76.6	90.4	1101	02S/12W-14J01 S 19			165.0	12/26/72	43.7	121.3	1101
				11/28/72	63.9	103.1						1/23/73	17.1	147.9	
				12/26/72	23.8	143.2						2/26/73	19.2	145.8	
				1/23/73	31.1	135.9						3/27/73	14.4	150.6	
				2/26/73	22.7	144.3						4/24/73	29.6	135.4	
				3/27/73	25.4	141.6						5/29/73	17.4	147.4	
				4/24/73	32.1	134.9						6/26/73	15.2	149.4	
				5/29/73	9.9	157.1						7/24/73	18.0	147.0	
				6/26/73	9.6	157.4						8/28/73	7.5	157.5	
				7/24/73	25.3	141.7						9/25/73	40.0	125.0	
				8/28/73	22.8	144.2		02S/12W-14J03 S 19			168.1	12/26/72	38.9	129.2	1101
				9/25/73	36.2	130.8						1/23/73	16.3	151.8	
02S/12W-13J02 S 19			174.0	1/22/73	64.6(3)	109.4	1101					2/26/73	18.6	149.5	
				2/26/73	52.8(3)	121.2						3/27/73	17.4	150.7	
				3/28/73	43.0	131.0						4/24/73	32.0	136.1	
				4/23/73	47.0	127.0						5/29/73	17.5	150.6	
				5/29/73	44.3	129.7						6/26/73	16.9	151.2	
				6/25/73	43.5	130.5						7/24/73	17.7	150.4	
				7/23/73	41.0	133.0						8/28/73	9.8	158.3	
				8/27/73	39.9	134.1						9/25/73	40.6	127.5	
				9/24/73	41.3	132.7		02S/12W-14K02 S 19			162.0	1/23/73	36.0	126.0	1101
02S/12W-13L05 S 19			174.0	12/08/72	75.3	98.7	1101					2/26/73	29.6	132.4	
				2/12/73	57.0	117.0						3/27/73	24.0	138.6	
				4/03/73	52.6	121.4						4/24/73	36.7	125.3	
02S/12W-13M01 S 19			166.1	10/24/72	85.3	80.8	1101					5/30/73	31.6	130.4	
				11/28/72	80.3	85.8						6/26/73	23.5	138.5	
				12/26/72	72.1	94.0						7/24/73	26.5	135.5	
				1/23/73	67.6	98.5						8/28/73	25.6	136.4	
				2/26/73	60.5	105.6		02S/12W-14P01 S 19			158.1	10/24/72	83.3	74.8	1101
				3/27/73	57.5	108.6						11/28/72	82.7	75.4	
				4/24/73	59.0	107.1						12/26/72	67.0	91.1	
				5/29/73	55.4	110.7						1/23/73	51.4	108.7	
				6/26/73	55.0	111.1						2/26/73	38.2	119.9	
				7/24/73	53.7	112.4						3/27/73	32.6	125.5	
				8/28/73	53.1	113.0						4/24/73	40.6	117.5	
				9/25/73	58.0	108.1						5/30/73	38.7	119.4	
02S/12W-13M02 S 19			165.1	10/24/72	86.0	79.1	1101					6/26/73	31.6	126.5	
				11/28/72	80.1	85.0						7/24/73	34.7	123.4	
				12/26/72	69.0	96.1						8/28/73	37.3	120.4	
				1/23/73	64.2	100.9						9/25/73	47.9	110.2	
				2/26/73	56.4	108.7		02S/12W-14M04 S 19			151.7	12/26/72	58.4	93.3	1101
				3/27/73	53.1	112.0						1/23/73	45.0	106.7	
				4/24/73	56.4	108.7						2/26/73	31.2	120.5	
				5/29/73	52.3	112.8						3/27/73	22.8	128.9	
				6/26/73	51.9	113.2						4/24/73	37.9	113.8	
				7/24/73	50.3	114.8						5/30/73	36.8	114.9	
				8/28/73	49.9	115.2						6/26/73	26.5	125.2	
				9/25/73	58.1	107.0						7/24/73	31.0	120.7	
02S/12W-13M03 S 19			165.2	10/24/72	86.1	79.1	1101					8/28/73	32.8	118.9	
				11/28/72	77.0	88.2						9/25/73	45.0	106.7	
				12/26/72	61.2	104.0		02S/12W-14P06 S 19			162.2	10/24/72	75.3	86.9	1101
				1/23/73	54.2	111.0						11/28/72	66.1	96.1	
				2/26/73	46.4	118.8						12/26/72	45.7	116.5	
				3/27/73	43.8	121.4						1/23/73	32.7	129.5	
				4/24/73	49.4	115.8						2/26/73	16.5	145.7	
				5/29/73	41.5	123.7						3/27/73	14.7	147.5	
				6/26/73	40.0	125.2						4/24/73	32.0	130.2	
				7/24/73	39.3	125.9						5/30/73	23.2	139.0	
				8/28/73	40.7	124.5						6/26/73	20.3	141.9	
				9/25/73	52.4	112.8						7/24/73	24.6	137.6	
02S/12W-13M04 S 19			165.4	10/24/72	83.8	81.6	1101					8/28/73	22.1	140.1	
				11/28/72	70.2	95.2						9/25/73	40.5	121.7	
				12/26/72	50.4	115.0		02S/12W-15J03 S 19			187.0	4/05/73	95.1(4)	91.9	1101
				1/23/73	37.3	128.1						12/14/72	114.9	43.0	1101
				2/26/73	29.6	135.8						4/11/73	99.1(8)	58.8	
				3/27/73	28.0	137.4		02S/12W-15M01 S 19			157.9	10/25/72	113.1	62.9	1101
				4/24/73	37.9	127.5									
				5/29/73	26.9	138.5									
				6/26/73	26.0	139.4									

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
02S/12W-15001 S 19 (CONTINUED)			176.0	11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	116.2 117.2 111.0 106.5 100.5 99.8 96.5 94.2 92.7 92.1 92.7	59.8 58.8 65.0 69.5 75.5 76.2 79.5 81.8 83.3 83.9 83.3	1101	02S/12W-20M03 S 19			139.0	4/09/73	146.6(4)	-7.6	1101
02S/12W-20R01 S 19				10/02/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/31/73 8/30/73 9/28/73	127.7(6) 127.7(6) 111.2(5) 112.2(5) 114.2(5) 114.2(5) 119.2(5) 113.2(5) 113.2(6)	3.3 3.3 19.8 18.8 16.8 16.8 11.8 17.8 17.8	1101	02S/12W-21R05 S 19			151.2	10/31/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/31/73	115.4(5) 115.4(5) 115.4(5) 115.4(5) 115.4(5) 115.4(5) 115.4(5) 117.4(5)	35.8 35.8 35.8 35.8 35.8 35.8 35.8 33.8	1101
02S/12W-16001 S 19			181.7	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	175.5 168.4 167.9 167.8 163.9 163.9 161.9 161.2 165.3 164.6 166.8 165.6	6.2 13.3 13.8 13.9 17.8 17.8 19.8 20.5 16.4 17.1 14.9 16.1	1733	02S/12W-21G02 S 19			151.2	10/31/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/31/73	109.6(5) 114.6(5) 119.6(5) 120.6(5) 117.6(5) 114.6(5) 117.6(5) 109.6(5)	41.6 36.6 31.6 30.6 33.6 36.6 33.6 41.6	1101
02S/12W-16F02 S 19			143.4	6/18/73 7/09/73 8/20/73 9/10/73	115.4 118.6 122.1 115.5	28.0 24.8 21.3 27.9	1733	02S/12W-21G03 S 19			152.5	10/31/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/31/73	115.1(5) 120.1(5) 124.1(5) 123.1(5) 123.1(5) 123.1(5) 118.1(5) 118.1(5)	37.4 32.4 28.4 29.4 29.4 29.4 34.4 34.4	1101
02S/12W-16M01 S 19			159.5	10/31/72 12/31/72 2/28/73 4/30/73 8/31/73	119.0(5) 121.0(5) 114.0(5) 114.0(5) 114.0(5)	40.5 38.5 45.5 45.5 45.5	1101	02S/12W-21M01 S 19			160.0	10/25/72 11/27/72 1/03/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	121.4 122.1 122.1 115.1 110.0 106.6 105.9 105.9 104.9 104.8 109.4	38.6 37.9 37.9 44.9 50.0 53.4 54.1 54.1 55.1 55.2 50.6	1101
02S/12W-16L01 S 19			151.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	140.2 130.2(5) 125.2(5) 124.2(5) 125.2(5) 127.2(5)	10.8 20.8 25.8 26.8 25.8 23.8	1101	02S/12W-21J01 S 19			155.0	11/29/72	114.5(5)	40.5	1101
02S/12W-16N01 S 19			141.0	10/25/72 1/03/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	126.1 123.8 74.9(3) 115.5 115.4 117.4 116.4 116.6 118.1	14.9 17.2 66.1 25.5 25.6 23.6 24.6 24.4 22.9	1101	02S/12W-21K02 S 19			149.0	5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	109.2(6) 109.2(6) 109.2(6) 109.2(6) 109.2(6)	39.8 39.8 39.8 39.8 39.8	1101
02S/12W-16001 S 19			151.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	144.5 134.5 129.5 124.5 127.5 128.5	6.5 16.5 21.5 26.5 23.5 22.5	1101	02S/12W-21N01 S 19			140.0	10/30/72 12/01/72 4/30/73 5/30/73 6/29/73 7/31/73 8/31/73 9/28/73	119.0 124.5 113.0 113.8 114.0 112.3 112.3 113.0	21.0 15.5 27.0 26.2 26.0 27.7 27.7 27.0	1101
02S/12W-17C01 S 19			144.1	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	170.9 162.9 161.9 159.9 163.9 166.9	-26.8 -18.8 -17.8 -15.8 -19.8 -22.8	1101	02S/12W-21N02 S 19			137.0	10/25/72 11/27/72 12/01/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	117.3 118.4 124.0 117.6 116.0 114.0 111.8 110.5 110.5 112.0 110.6 110.5	19.7 18.4 13.0 19.4 21.0 23.0 25.2 26.5 26.5 25.0 26.4 26.5	1101
02S/12W-17002 S 19			146.0	10/31/72 12/31/72 2/28/73 4/30/73 6/30/73 8/31/73	172.9 161.9 159.9 162.9 164.9 167.9	-26.9 -15.9 -13.9 -16.9 -18.9 -21.9	1101	02S/12W-21M03 S 19			139.0	10/30/72 12/01/72 1/30/73 2/28/73 3/30/73 4/30/73 5/30/73 6/29/73 7/31/73 8/31/73 9/28/73	139.5 133.0 125.9 121.8 119.3 119.5 123.5 123.5 127.5 127.5 129.5	-0.5 6.0 13.1 17.2 19.7 19.5 15.5 15.5 11.5 11.5 9.5	1101
02S/12W-17M01 S 19			145.0	12/14/72 4/09/73	159.5 150.9	-14.5 -5.9	1101	02S/12W-22G01 S 19			174.9	10/25/72	122.1	52.8	1101
02S/12W-19C01 S 19			147.5	12/14/72 5/10/73	192.0 197.8(4)	-44.5 -50.3	1101								
02S/12W-19H01 S 19			147.8	12/14/72 4/09/73	86.3 86.1	61.5 61.7	1101								
02S/12W-19M01 S 19			143.0	12/14/72 5/10/73	139.8 140.7(2)	3.2 2.3	1101								
02S/12W-20E02 S			139.0	12/14/72 4/09/73	152.0 139.1(4)	-13.0 -0.1	1101								
02S/12W-20K02 S 19			133.0	10/31/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/31/73	122.2(5) 124.2(5) 124.2(5) 124.2(5) 124.2(5) 127.2(5) 127.2(5) 127.2(5)	10.8 8.8 8.8 8.8 8.8 5.8 5.8 5.8	1101								
02S/12W-20K03 S			133.0	12/14/72 4/09/73	144.0 133.0	-11.0 0.0	1101								
02S/12W-20M03 S 19			139.0	12/14/72	157.1(4)	-18.1	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
025/12W-22G01 S 19			174.9	11/27/72	123.2	51.7	1101	025/12W-24K01 S 19			164.0	2/26/73	57.4	106.6	1101
(CONTINUED)				12/26/72	122.0	52.9		(CONTINUED)				3/27/73	48.5	115.5	
				1/24/73	112.2	62.7						4/23/73	52.4	111.6	
				2/26/73	104.2	70.7						5/29/73	50.6	113.4	
				3/27/73	98.3	76.6						6/25/73	48.5	115.5	
				4/23/73	97.3	77.6						7/23/73	47.0	117.0	
				7/24/73	96.9	78.0						8/27/73	46.0	118.0	
				8/27/73	101.7	73.2						9/24/73	42.0	122.0	
				9/24/73	94.1	80.8									
025/12W-22J01 S 19			175.0	4/11/73	92.2	82.8	1101	025/12W-24M01 S 19			159.2	1/24/73	71.2	88.0	1101
025/12W-23A01 S 19			163.8	10/25/72	90.6	73.2	1101					2/01/73	70.5	88.7	
				11/27/72	87.4	76.4						3/01/73	61.3	97.9	
				12/26/72	75.6	88.2						4/05/73	56.1	103.1	
025/12W-23R04 S 19			164.0	10/20/72	99.1(5)	64.9	1101					5/03/73	57.3	101.9	
				11/20/72	96.1(5)	67.9						6/07/73	55.1	104.1	
				12/15/72	90.1(5)	73.9						7/05/73	53.7	105.5	
				2/15/73	74.1(5)	89.9						8/02/73	52.8	106.4	
				3/15/73	69.1(5)	94.9		025/12W-24R01 S 19			159.7	10/24/72	74.2	85.5	1101
				4/15/73	69.1(5)	94.9						11/27/72	72.3	87.4	
				5/15/73	66.1(5)	97.9						12/26/72	66.0	93.7	
				6/15/73	67.1(5)	96.9						1/22/73	60.8	98.9	
				7/15/73	66.1(5)	97.9						2/26/73	54.1	105.6	
				8/15/73	66.1(5)	97.9						3/27/73	48.1	111.6	
				9/15/73	71.1(5)	92.9						4/23/73	49.2	110.5	
025/12W-23R08 S 19			161.0	10/20/72	99.0(5)	62.0	1101					5/29/73	48.5	111.2	
				11/20/72	94.0(5)	67.0						6/25/73	47.5	112.2	
				12/15/72	88.0(5)	73.0						7/23/73	44.1	115.6	
				1/11/73	81.0(5)	80.0						8/27/73	43.7	116.1	
				2/15/73	74.0(5)	87.0						9/24/73	44.1	115.6	
				3/15/73	68.0(5)	93.0		025/12W-25A01 S 19			155.4	10/24/72	66.4	89.0	1101
				4/15/73	68.0(5)	93.0						11/27/72	64.1	91.3	
				5/15/73	68.0(5)	93.0						12/26/72	57.6	97.8	
				6/15/73	68.0(5)	93.0						1/22/73	55.0	100.4	
				7/15/73	68.0(5)	93.0						2/26/73	50.1	105.3	
				8/15/73	68.0(5)	93.0						3/27/73	45.8	109.6	
				9/15/73	71.0(5)	90.0						4/23/73	45.5	109.9	
025/12W-23F03 S 19			158.0	2/26/73	51.0	107.0	1101					5/29/73	48.9	106.5	
				3/27/73	45.6	112.4						6/25/73	42.0	113.4	
				4/24/73	55.7	102.3						7/23/73	41.6	113.8	
				5/29/73	51.4	106.6						8/27/73	39.2	116.2	
				6/26/73	46.1	111.9						9/24/73	39.8	115.6	
				7/24/73	46.2	111.8		025/12W-25C01 S 19			153.0	10/24/72	80.6	72.4	1101
				8/28/73	46.9	111.1						11/27/72	77.1	73.9	
025/12W-23K01 S 19			161.0	1/03/73	86.0	75.0	1101					12/26/72	79.7(3)	73.3	
				2/26/73	62.5	98.5						1/22/73	77.2(3)	75.8	
				3/27/73	57.6	103.4						2/26/73	63.2	89.8	
				4/23/73	59.0	102.0						3/27/73	58.2	94.8	
				5/29/73	60.7	100.3						4/23/73	57.4	95.6	
				6/27/73	57.0	104.0						5/29/73	56.9	96.1	
				7/23/73	69.7	91.3						6/25/73	55.7	97.1	
				8/27/73	72.9	88.1						7/23/73	53.5	99.5	
				9/24/73	75.7	85.3						8/27/73	52.1	100.9	
025/12W-23M03 S 19			142.0	12/26/72	51.2	90.8	1101					9/24/73	51.2	101.8	
				1/23/73	42.2	99.8		025/12W-25F10 S 19			156.0	2/12/73	78.0(5)	78.0	1101
				3/27/73	35.9	106.1						10/20/72	67.0(5)	88.0	
				4/23/73	28.8	113.2						11/20/72	65.0(5)	90.0	
				5/29/73	46.0	96.0						12/15/72	60.0(5)	95.0	
				6/26/73	38.0	104.0						1/11/73	57.0(5)	98.0	
				7/24/73	31.0	111.0						2/15/73	50.0(5)	105.0	
				8/28/73	33.5	108.5						3/15/73	52.0(5)	103.0	
				9/25/73	48.0	94.0						4/15/73	44.0(5)	111.0	
025/12W-23M04 S 19			138.4	10/24/72	28.1	110.3	1101					5/15/73	47.0(5)	108.0	
				11/28/72	27.2	111.2						6/15/73	44.0(5)	111.0	
				12/26/72	0.3	138.1						7/15/73	40.0(5)	115.0	
				1/23/73	-0.2	138.6						8/15/73	39.0(5)	116.0	
				6/26/73	9.7	128.7						9/15/73	39.0(5)	116.0	
				7/24/73	11.2	127.2		025/12W-25G02 S 19			155.0	10/20/72	75.0(5)	80.0	1101
025/12W-23N02 S 19			146.7	10/24/72	93.7	53.0	1101					11/20/72	73.0(5)	82.0	
				11/28/72	92.4	54.3						12/15/72	67.0(5)	88.0	
				12/26/72	82.4	64.3						1/11/73	65.0(5)	90.0	
				1/23/73	76.5	70.2						2/15/73	58.0(5)	97.0	
				2/26/73	68.5	78.2						3/15/73	60.0(5)	95.0	
				3/27/73	61.7	85.0						4/15/73	52.0(5)	103.0	
				4/24/73	68.0	78.7						5/15/73	55.0(5)	100.0	
				5/29/73	65.7	81.0						6/15/73	52.0(5)	103.0	
				6/26/73	62.5	84.2						7/15/73	46.0(5)	109.0	
				7/24/73	62.2	84.5						8/15/73	47.0(5)	108.0	
				8/28/73	62.1	84.6						9/15/73	45.0(5)	110.0	
				9/25/73	67.5	79.2		025/12W-25M01 S 19			152.0	10/02/72	83.5(5)	68.5	110
025/12W-24A05 S 19			168.8	2/26/73	52.9	115.9	1101					11/29/72	85.5(5)	66.5	
				3/27/73	46.9	121.9						3/29/73	63.5(6)	88.5	
				4/23/73	47.0	121.8						4/30/73	64.5(6)	87.5	
				5/29/73	44.2	124.6						5/30/73	65.5(6)	86.5	
				6/25/73	43.5	125.3						6/28/73	65.5(6)	86.5	
				7/23/73	41.5	127.3						7/30/73	65.5(6)	86.5	
				9/24/73	39.8	129.0						8/30/73	61.5(5)	90.5	
025/12W-24K01 S 19			164.0	10/24/72	82.0	82.0	1101					9/28/73	61.5(6)	90.5	
				11/27/72	80.4	83.6		025/12W-25M09 S 19			151.0	10/23/72	88.6	62.4	173
				12/26/72	72.5	91.5						11/27/72	86.8	64.2	
				1/22/73	66.5	97.5						12/26/72	81.9	69.1	
												1/22/73	78.6	72.4	
												2/26/73	74.1	76.9	
												3/26/73	70.6	80.4	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
02S/12W-25M09 S 19			151.0	4/23/73	74.5(1)	76.5	1733	02S/12W-27H01 < 19			146.0	5/01/73	96.0(5)	50.0	1101
(CONTINUED)				5/28/73	73.0	78.0		(CONTINUED)				6/01/73	98.0(5)	48.0	
				6/25/73	69.8	81.2						7/01/73	96.5	49.5	
				7/23/73	71.4	79.6						8/01/73	97.5	48.5	
				8/27/73	70.2	80.8						9/01/73	98.5	47.5	
				9/24/73	69.2	81.8									
02S/12W-25P07 S 19			146.0	10/24/72	82.3	63.7	1101	02S/12W-27001 < 19			137.0	11/15/72	96.4	40.6	1101
				11/27/72	76.4	69.6						12/20/72	99.2	37.8	
				12/26/72	70.0(3)	76.0						1/24/73	90.4(8)	46.6	
				1/22/73	69.0	77.0						2/26/73	87.4(8)	49.6	
				2/26/73	60.0(3)	86.0						3/27/73	83.6	53.4	
				3/27/73	47.0(3)	99.0						4/23/73	85.7	51.3	
				4/23/73	53.0(4)	93.0						5/29/73	86.0	51.0	
				5/29/73	61.4(4)	84.6						6/27/73	86.4	50.6	
				6/25/73	62.2(4)	83.8						7/23/73	86.2	50.8	
				7/23/73	59.0(4)	87.0						8/27/73	86.6	50.4	
				8/27/73	56.0	90.0						9/24/73	85.8	51.2	
				9/24/73	39.5	106.5									
02S/12W-26F03 S 19			145.0	10/02/72	100.0(6)	45.0	1101	02S/12W-27003 < 19			136.6	10/25/72	79.4	57.2	1101
				11/29/72	101.0(6)	44.0						11/27/72	81.6	55.0	
				3/29/73	83.0(6)	62.0						12/26/72	82.7	53.9	
				4/30/73	83.0(6)	62.0						1/24/73	83.4	53.2	
				5/30/73	76.0(6)	69.0						2/26/73	83.4	53.2	
				6/28/73	76.0(6)	69.0						3/27/73	81.5	55.1	
				7/31/73	72.0(5)	73.0						4/23/73	79.5	57.1	
				8/30/73	70.0(5)	75.0						6/27/73	77.3	59.3	
				9/28/73	70.0(6)	75.0						7/23/73	89.2	47.4	
												8/27/73	75.8	60.8	
												9/24/73	83.1	53.5	
02S/12W-26F01 S 19			148.0	10/25/72	94.1	53.9	1101	02S/12W-28A04 < 19			142.0	10/02/72	139.0(6)	3.0	1101
				11/27/72	92.5	55.5						11/29/72	140.0(6)	2.0	
				12/26/72	87.0	61.0						3/29/73	118.0(5)	24.0	
				1/24/73	81.8	66.2						4/30/73	122.0(5)	20.0	
				2/26/73	75.8	72.2						5/21/73	121.0(5)	21.0	
				3/27/73	70.7	77.3						6/28/73	121.0(5)	21.0	
				4/23/73	73.5	74.5						7/31/73	119.0(5)	23.0	
				5/29/73	72.2	75.8						8/30/73	119.0(6)	23.0	
				6/27/73	71.0	77.0						9/28/73	119.0(6)	23.0	
				7/23/73	71.1	76.9									
				8/27/73	69.3	78.7									
				9/24/73	65.6	82.4									
02S/12W-26L02 S 19			148.0	12/03/72	86.8	61.2	1101	02S/12W-28G01 < 19			134.5	11/27/72	108.1	26.4	1101
				1/03/73	86.9	61.1						1/24/73	100.1	34.4	
				3/27/73	79.9	68.1						2/26/73	100.1	34.4	
				4/23/73	76.6	71.4						3/27/73	97.3	37.2	
				5/29/73	73.3	74.7						4/23/73	96.3	38.2	
				6/27/73	71.6	76.4						5/29/73	96.6	37.9	
				7/23/73	70.7	77.3						6/26/73	97.3	37.2	
				8/27/73	75.8	72.2						7/23/73	96.9	37.4	
				9/24/73	72.9	75.1						8/27/73	97.9	36.6	
												9/24/73	96.7	37.8	
02S/12W-26P06 S 19			142.0	10/14/72	97.0(5)	45.0	1101	02S/12W-28J06 < 19			135.0	10/01/72	113.0(5)	22.0	1101
				11/14/72	97.0(5)	45.0						11/01/72	110.0(5)	25.0	
				12/14/72	95.0(5)	47.0						12/01/72	110.0(5)	25.0	
				1/14/73	95.0(5)	47.0						1/01/73	104.0(5)	31.0	
				2/14/73	93.0(5)	49.0						2/01/73	102.0(5)	33.0	
				3/28/73	81.0(5)	61.0						3/01/73	106.0(5)	29.0	
				4/14/73	81.0(5)	61.0						4/01/73	98.0(5)	37.0	
				5/14/73	82.0(5)	60.0						5/01/73	98.0(5)	37.0	
				6/14/73	83.0(5)	59.0						6/01/73	98.0(5)	37.0	
				7/14/73	83.0(5)	59.0						7/01/73	110.0(5)	25.0	
				8/14/73	84.0(5)	58.0						8/01/73	100.0(5)	35.0	
				9/21/73	84.0(5)	58.0						9/01/73	101.0(5)	34.0	
02S/12W-26001 S 19			141.0	10/02/72	103.0(6)	38.0	1101	02S/12W-28J07 < 19			135.0	10/25/72	105.2	29.8	1101
				11/29/72	105.0(6)	36.0						11/27/72	103.9	31.1	
				3/29/73	90.0(6)	51.0						12/26/72	102.9	32.1	
				4/30/73	90.0(6)	51.0						1/24/73	100.5	34.5	
				5/30/73	90.0(6)	51.0						2/26/73	97.9	37.1	
				6/28/73	90.0(6)	51.0						3/27/73	94.1	40.4	
				8/30/73	88.0(5)	53.0						4/23/73	94.0	41.0	
				9/28/73	88.0(6)	53.0						5/29/73	94.7	40.3	
												6/26/73	95.8	39.2	
												7/23/73	95.4	39.6	
												8/27/73	95.6	39.4	
												9/24/73	96.8	38.2	
02S/12W-27R02 S 19			149.0	10/25/72	103.7	45.3	1101	02S/12W-28K01 < 19			127.5	10/14/72	104.8(5)	22.7	1101
				11/27/72	102.3	46.7						11/14/72	105.3(5)	22.2	
				12/26/72	97.0	52.0						12/14/72	105.3(5)	22.2	
				1/24/73	91.7	56.8						1/14/73	105.3(5)	22.2	
				2/26/73	85.2	63.3						2/14/73	98.3(5)	29.2	
				3/27/73	79.8	68.7						3/14/73	96.3(5)	31.2	
02S/12W-27R03 S 19			149.0	12/07/72	99.4	49.6	1101					4/14/73	92.3(5)	35.2	
				4/05/73	79.6	69.4						5/14/73	92.3(5)	35.2	
02S/12W-27F01 S			141.4	10/24/72	DRY		1101					6/14/73	95.3(5)	32.2	
				11/28/72	DRY							7/14/73	96.3(5)	31.2	
				12/26/72	DRY							8/14/73	96.3(5)	31.2	
				1/23/73	DRY							9/14/73	96.3(5)	31.2	
				2/26/73	DRY										
				3/27/73	DRY										
				4/24/73	DRY										
				5/30/73	DRY										
				6/26/73	DRY										
02S/12W-27H01 S 19			146.0	10/01/72	118.0	28.0	1101	02S/12W-28001 < 19			129.0	10/01/72	104.0	25.0	1101
				11/01/72	109.0	37.0						11/01/72	103.0	26.0	
				12/01/72	109.0(5)	37.0						12/01/72	101.0(5)	28.0	
				1/01/73	102.0(5)	44.0						1/01/73	98.0(5)	31.0	
				2/01/73	96.0(5)	50.0						2/01/73	97.0(5)	32.0	
				3/01/73	93.0(5)	53.0						3/01/73	94.0(5)	35.0	
				4/01/73	90.0(5)	56.0						4/01/73	96.0(5)	33.0	
												5/01/73	109.0(5)	20.0	
												6/01/73	98.0(5)	31.0	
												7/01/73	111.0	18.0	
												8/01/73	97.0	32.0	
												9/01/73	101.0	28.0	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
025/12W-29A02 S 19			128.3	12/15/72 5/10/73	127.0 118.8(2)	1.3 9.5	1101	025/12W-33P02 S 19 (CONTINUED)			114.0	6/26/73 7/23/73 8/27/73 9/24/73	73.6 73.8 74.0 73.8	40.4 40.2 40.0 40.2	1101
025/12W-29D01 S 19			126.5	12/14/72 4/11/73	113.9 113.5	12.6 13.0	1101	025/12W-34P01 S 19			129.4	10/02/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	119.4(6) 119.4(6) 89.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6)	10.0 10.0 40.0 39.0 39.0 39.0 39.0 39.0 39.0	1101
025/12W-29M05 S 19			118.0	10/14/72 11/14/72 12/14/72 1/14/73 2/21/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	117.0(5) 117.0(5) 116.0(5) 116.0(5) 115.0(5) 110.0(5) 110.0(5) 110.0(5) 162.0(1) 111.0(5) 111.0(5) 113.0(5)	1.0 1.0 2.0 2.0 3.0 8.0 8.0 8.0 -44.0 7.0 7.0 5.0	1101	025/12W-35C01 S 19			145.0	11/27/72 12/26/72 1/24/73 2/27/73 3/27/73 4/23/73 5/29/73 6/27/73 7/24/73 8/27/73 9/24/73	93.0 90.7 87.0 84.3 83.6 86.0(2) 83.1 83.0 87.8 88.6 88.2	52.0 54.3 58.0 60.7 61.4 59.0 61.9 62.0 57.2 56.4 56.4	1101
025/12W-31D01 S			122.0	1/09/73	NM-0		1101	025/12W-35N02 S 19			142.5	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/28/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/21/73	105.6(5) 104.6(5) 104.6(5) 104.6(5) 101.6(5) 89.6(5) 90.6(5) 94.6(1) 90.6(5) 90.6(5) 90.6(5) 90.6(5)	36.9 37.9 37.9 37.9 40.9 52.9 51.9 47.9 51.9 51.9 51.9 51.9	1101
025/12W-31H01 S 19			107.7	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.0 117.0 113.0 105.0 105.0 105.0 105.0 99.0 118.0	-9.3 -9.3 -5.3 2.7 2.7 2.7 2.7 8.7 -10.3	5061	025/12W-31H02 S 19			107.6	12/13/72 4/11/73	78.7 79.2	28.9 28.4	1101
025/12W-31H02 S 19			112.9	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	126.3 121.3 118.3 116.3 116.3 114.3 120.3 123.3 128.3 128.3 132.3 126.3	-13.4 -8.4 -5.4 -3.4 -3.4 -1.4 -7.4 -10.4 -15.4 -15.4 -19.4 -13.4	1101	025/12W-31N01 S 19			106.2	12/14/72 4/11/73	105.7 103.7	0.5 2.5	1101
025/12W-31N01 S 19			123.0	10/31/72 11/29/72 3/29/73 4/20/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	118.0(6) 118.0(6) 107.0(6) 110.0(6) 99.0(6) 99.0(6) 99.0(6) 99.0(6) 99.0(6)	5.0 5.0 16.0 13.0 24.0 24.0 24.0 24.0 24.0	1101	025/12W-35H12 S 19			142.5	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	85.5 83.6 83.4 76.9 77.0 76.8 76.0 78.4 75.6 75.0 73.0 70.5	57.0 58.9 59.1 65.6 65.5 65.7 66.5 64.1 66.0 67.5 69.5 72.0	1101
025/12W-33R01 S 19			126.2	5/28/73 6/18/73 7/09/73 8/20/73 9/10/73	89.3 89.5 90.4 90.9 89.9	36.9 36.7 35.8 35.3 36.3	1733	025/12W-35K01 S 19			138.0	10/02/72 11/29/72 3/29/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	118.5(6) 115.5(6) 92.5(6) 95.5(6) 99.5(6) 99.5(6) 99.5(6) 96.5(5) 96.5(6)	19.5 22.5 45.5 42.5 38.5 38.5 38.5 41.5 41.5	1101
025/12W-33R04 S 19			126.2	5/28/73 6/18/73 7/09/73 8/20/73 9/10/73	89.3 89.5 90.4 90.9 89.9	36.9 36.7 35.8 35.3 36.3	1733	025/12W-35P01 S 19			129.0	10/02/72 11/30/72 12/12/72 3/29/73 4/11/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	99.0(5) 96.0(5) 92.0(8) 81.0(5) 86.2(4) 87.0(5) 87.0(5) 87.0(6) 87.0(6) 87.0(6)	30.0 33.0 37.0 48.0 42.8 42.0 42.0 42.0 42.0 42.0	1101
025/12W-33D02 S 19			118.8	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	84.2 83.9 84.5 84.6 84.6 84.5 85.1 85.7 86.5 86.5 86.9 87.0	34.6 34.9 34.3 34.2 34.2 34.3 33.7 33.1 32.3 32.3 31.9 31.8	1101	025/12W-36R01 S 19			139.0	11/15/72 12/26/72 1/22/73 2/26/73 3/28/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	59.9 54.7 58.5 53.0 55.5 50.6 50.7 47.5 40.5 44.7 44.6	79.1 84.3 80.5 86.0 83.5 88.4 88.3 91.5 98.5 94.3 94.4	1101
025/12W-33L01 S 19			118.0	12/14/72	96.5	21.5	1101	025/12W-36602 S 19			134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101
025/12W-33L03 S 19			115.6	12/14/72 4/11/73	72.1 72.0	43.5 43.6	1101								
025/12W-33M01 S 19			114.5	10/30/72 11/29/72 4/27/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	86.2(5) 86.2(5) 101.2(5) 102.2(5) 102.2(5) 102.2(5) 107.2(5) 107.2(6)	28.3 28.3 13.3 12.3 12.3 12.3 7.3 7.3	1101								
025/12W-33P02 S 19			114.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73	70.2 71.2 71.3 71.9 72.4 72.9 73.1 73.4	43.8 42.8 42.7 42.1 41.6 41.1 40.9 40.6	1101								



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
							U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5
02S/12W-36G02 S 19			134.0	1/22/73	53.6	80.4	1101	02S/13W-10R06 S 19			199.7	4/03/73	279.5	-79.8	1101
(CONTINUED)				2/26/73	48.6	85.4						12/13/72	266.2	-57.5	1101
				3/27/73	43.4	90.6		02S/13W-11E03 S 19			208.7	4/03/73	265.5	-56.8	
				4/23/73	43.6	90.4						10/08/72	289.0(1)	-83.0	1101
				5/29/73	50.5	83.5		02S/13W-11E04 S			206.0	11/12/72	276.0(1)	-70.0	
				6/25/73	50.1	83.9						12/31/72	285.0(5)	-79.0	
				7/23/73	48.6	85.4						1/31/73	285.0(5)	-79.0	
				8/27/73	46.6	87.4						2/28/73	284.0(5)	-78.0	
				9/24/73	44.1	89.9						3/31/73	283.0(5)	-77.0	
02S/12W-36L05 S 19			132.0	11/27/72	47.4	64.6	1101					4/30/73	282.0(5)	-76.0	
				12/26/72	54.4	77.6						5/31/73	285.0(5)	-79.0	
				1/22/73	57.4	74.6						6/30/73	287.0(5)	-81.0	
				2/26/73	57.4	74.6						7/31/73	285.0(5)	-79.0	
				3/27/73	61.9	70.1						8/31/73	289.0(5)	-83.0	
				4/23/73	62.4	69.6		02S/13W-11P02 S			200.0	4/03/73	335.0(4)	-135.0	1101
				5/29/73	64.5	67.5						10/16/72	259.3(5)	-70.6	1101
				6/25/73	66.4	65.6		02S/13W-11R03 S 19			188.7	11/19/72	256.3(5)	-67.6	
				7/23/73	64.6	67.4						12/31/72	260.3(5)	-71.4	
				8/28/73	62.9	69.1						1/31/73	259.3(5)	-70.4	
				9/24/73	56.1	75.9						2/28/73	261.3(5)	-72.6	
02S/13W-01K01 S 19			197.5	12/14/72	218.4	-20.9	1101					3/31/73	260.3(5)	-71.6	
				4/03/73	223.9	-26.4						4/30/73	257.3(5)	-68.6	
02S/13W-01N01 S 19			196.0	12/14/72	262.8	-66.8	1101					5/31/73	259.3(5)	-70.6	
02S/13W-04D01 S			230.8	12/13/72	276.3	-45.5	1101					6/30/73	259.3(5)	-70.6	
				4/04/73	171.6	59.2						7/31/73	258.3(5)	-69.6	
02S/13W-05A01 S 19			227.0	1/17/73	265.4	-38.4	1101					8/31/73	258.3(5)	-69.6	
				4/04/73	264.1	-37.1						9/30/73	259.3(5)	-70.6	
02S/13W-05R01 S			224.0	4/04/73	360.0(2)	-136.0	1101	02S/13W-11R04 S 19			187.8	10/09/72	271.3(5)	-83.5	1101
02S/13W-05G01 S			219.0	12/13/72	268.0(4)	-49.0	1101					11/10/72	272.3(5)	-84.5	
02S/13W-10A01 S			214.2	10/11/72	284.2	-70.0	1101					12/31/72	262.3(5)	-74.5	
				11/08/72	282.1	-67.9						1/31/73	262.3(5)	-74.5	
				12/13/72	282.7	-68.5						2/28/73	261.3(5)	-73.5	
				1/08/73	279.0	-64.8						3/31/73	261.3(5)	-73.5	
				2/15/73	282.2	-68.0						4/30/73	259.3(5)	-71.5	
				3/05/73	278.3	-64.1						5/31/73	257.3(5)	-69.5	
				4/03/73	280.0	-65.8						6/30/73	260.3(5)	-72.5	
				5/08/73	279.1	-64.9						7/31/73	256.3(5)	-68.5	
				6/01/73	280.2	-66.0						8/31/73	258.3(5)	-70.5	
				7/03/73	279.5	-65.3						9/30/73	257.3(5)	-69.5	
				8/10/73	282.2	-68.0		02S/13W-12A01 S 19			185.2	10/31/72	250.0	-64.8	1101
				9/05/73	279.0	-64.8						12/31/72	237.0	-51.8	
02S/13W-10A03 S 19			230.6	12/13/72	298.0	-67.4	1101					2/28/73	233.0	-47.8	
				4/03/73	297.5	-66.9						4/30/73	248.0	-62.8	
02S/13W-10A04 S			226.0	12/13/72	NW-3		1101					6/30/73	253.0	-67.8	
				4/03/73	283.0	-57.0						8/31/73	254.0	-68.8	
02S/13W-10B01 S 19			224.5	12/13/72	293.7	-69.2	1101	02S/13W-12C01 S 19			183.3	12/14/72	262.8(6)	-79.5	1101
				4/04/73	293.0	-68.5						4/03/73	207.4(8)	-24.1	
02S/13W-10M01 S 19			206.0	1/21/73	283.7(5)	-77.7	1733	02S/13W-12K01 S 19			180.0	12/18/72	225.7	-45.7	1101
				2/14/73	283.7(5)	-77.7						4/03/73	222.5	-42.5	
				4/14/73	282.7(5)	-76.7		02S/13W-13A01 S			169.5	4/03/73	205.5	-37.0	1101
				5/14/73	281.7(5)	-75.7						12/15/72	262.5	-81.1	1101
02S/13W-10P05 S 19			200.6	10/09/72	275.2(5)	-74.6	1101	02S/13W-13E01 S 19			181.4	5/10/73	216.4(8)	-35.0	
				11/10/72	272.2(5)	-71.6						12/15/72	278.6	-97.3	1101
				12/31/72	275.2(5)	-74.6		02S/13W-13F06 S 19			181.3	5/10/73	240.0(4)	-58.7	
				1/31/73	277.2(5)	-76.6						10/31/72	250.0(5)	-82.3	1101
				2/28/73	275.2(5)	-74.6		02S/13W-13F01 S 19			167.7	12/31/72	265.0(5)	-97.3	
				3/31/73	274.2(5)	-73.6						1/31/73	285.0(5)	-117.3	
				4/30/73	271.2(5)	-70.6						2/28/73	285.0(5)	-117.3	
				5/31/73	272.2(5)	-71.6						3/31/73	285.0(5)	-117.3	
				6/30/73	270.2(5)	-69.6						4/30/73	285.0(5)	-117.3	
				7/31/73	276.2(5)	-75.6						5/31/73	285.0(5)	-117.3	
				8/31/73	273.2(5)	-72.6						7/31/73	285.0(5)	-117.3	
				9/30/73	274.2(5)	-73.6		02S/13W-13M01 S 19			162.2	10/31/72	199.0(5)	-36.8	1101
02S/13W-10P06 S 19			200.9	10/09/72	281.2(5)	-80.3	1101					12/31/72	189.0(5)	-26.8	
				11/10/72	280.2(5)	-79.3						1/31/73	187.0(5)	-24.8	
				1/31/73	280.2(5)	-79.3						2/28/73	187.0(5)	-24.8	
				2/28/73	278.2(5)	-77.3						3/31/73	184.0(5)	-21.8	
				3/31/73	277.2(5)	-76.3						4/30/73	184.0(5)	-21.8	
				4/30/73	274.2(5)	-73.3						5/31/73	184.0(5)	-21.8	
				5/31/73	275.2(5)	-74.3						7/31/73	184.0(5)	-21.8	
				6/30/73	275.2(5)	-74.3		02S/13W-13P01 S 19			156.5	12/14/72	199.1	-42.6	1101
				7/31/73	281.2(5)	-80.3						5/10/73	233.8(8)	-77.3	
				8/31/73	276.2(5)	-75.3		02S/13W-14A01 S 19			187.0	10/09/72	254.4(5)	-67.4	1101
				9/30/73	277.2(5)	-76.3						11/10/72	261.4(5)	-74.4	
02S/13W-10R05 S 19			199.7	10/11/72	208.4	-8.7	1101					12/31/72	251.4(5)	-64.4	
				11/08/72	210.0	-10.3						1/31/73	249.4(5)	-62.4	
				12/13/72	207.0	-7.3						2/28/73	249.4(5)	-62.4	
				1/08/73	207.3	-7.6						3/31/73	249.4(5)	-62.4	
				2/15/73	204.0	-4.3						4/30/73	248.4(5)	-61.4	
				3/05/73	201.5	-1.8						5/31/73	248.4(5)	-62.4	
				4/03/73	203.0	-3.3						6/30/73	249.4(5)	-62.4	
				5/08/73	206.9	-7.2						7/31/73	248.4(5)	-61.4	
				6/01/73	207.0	-7.3						8/31/73	252.4(5)	-65.4	
				7/03/73	207.2	-7.5						9/30/73	250.4(5)	-63.4	
				9/05/73	207.5	-7.8		02S/13W-14M01 S 19			180.8	10/09/72	238.3(5)	-57.5	1101
02S/13W-10R06 S 19			199.7	12/13/72	283.5	-83.8	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
02S/13W-14H01 S 19 (CONTINUED)			180.8	11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	244.3(5) 233.3(5) 230.3(5) 230.3(5) 228.3(5) 226.3(5) 227.3(5) 229.3(5) 230.3(5) 230.3(5) 229.3(5)	-63.5 -52.5 -49.5 -49.5 -47.5 -45.5 -46.5 -48.5 -49.5 -49.5 -48.5	1101	02S/13W-20R03 S 19 (CONTINUED)			152.0	7/01/73 8/01/73 9/01/73	201.5(1) 196.5(5) 198.5(5)	-49.5 -44.5 -46.5	1101
02S/13W-14H02 S 19			185.0	10/15/72 11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	239.8(5) 238.8(5) 238.8(5) 239.8(5) 238.8(5) 237.8(5) 234.8(5) 233.8(5) 233.8(5) 235.8(5) 238.8(5) 238.8(5)	-54.8 -53.8 -53.8 -54.8 -53.8 -52.8 -49.8 -48.8 -48.8 -50.8 -53.8 -53.8	1101	02S/13W-20R04 S			152.0 156.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	183.0(1) 184.0(1) 188.0(1) 188.0(1) 194.0(1) 185.0(1) 190.0(1) 184.0(1) 187.0(1) 188.0(1) 193.0(5) 188.0(5)	-31.0 -32.0 -32.0 -32.0 -38.0 -29.0 -34.0 -28.0 -31.0 -32.0 -37.0 -32.0	1101
02S/13W-14H03 S 19			187.0	10/09/72 11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	257.9(5) 258.9(5) 251.9(5) 250.9(5) 250.9(5) 249.9(5) 248.9(5) 250.9(5) 249.9(5) 249.9(5) 251.9(5) 251.9(5)	-70.9 -71.9 -64.9 -63.9 -63.9 -62.9 -61.9 -63.9 -62.9 -62.9 -64.9 -64.9	1101	02S/17W-21F01 S 19			166.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/21/73 8/14/73 9/14/73	282.4(1) 283.9(1) 284.4(1) 282.9(1) 281.9(1) 294.9(1) 218.9(5) 218.9(5) 295.9(1) 218.9(5) 218.9(5) 218.9(5)	-116.4 -117.9 -118.4 -116.9 -115.9 -128.9 -52.9 -52.9 -129.9 -52.9 -52.9 -52.9	1101
02S/13W-14H04 S 19			182.0	10/15/72 11/12/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	249.1(5) 249.1(5) 249.1(5) 247.1(5) 245.1(5) 244.1(5) 242.1(5) 244.1(5) 246.1(5) 247.1(5) 248.1(5) 248.1(5)	-67.1 -67.1 -67.1 -65.1 -63.1 -62.1 -60.1 -62.1 -64.1 -65.1 -66.1 -66.1	1101	02S/13W-21K04 S 19			164.7	12/13/72 4/17/73	203.0(2) 197.8	-38.3 -33.1	1101
02S/13W-15C01 S 19			195.0	12/14/72 4/03/73	186.0 185.1	9.0 9.9	1101	02S/13W-21K07 S 19			165.0	12/13/72 4/17/73	223.4(2) 226.1	-58.4 -61.1	1101
02S/13W-15L01 S 19			190.0	12/13/72 4/09/73	102.3 86.8	87.7 103.2	1101	02S/13W-2100A S 19			178.8	12/13/72 4/17/73	212.5 212.2	-33.7 -33.4	1101
02S/13W-16006 S 19			175.0	10/02/72 11/03/72 12/05/72 1/30/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	174.7 174.7 174.4 174.2 173.3 174.1 174.2 175.8 174.3 174.6 174.5	0.3 0.3 0.6 0.8 1.7 0.9 0.8 -0.8 0.7 0.4 0.5	1200	02S/13W-22P02 S			162.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	238.0(5) 235.0(5) 234.0(5) 237.0(5) 237.0(5) 233.0(5) 235.0(5) 230.0(5) 237.0(5) 234.0(5) 234.0(5) 235.0(5)	-76.0 -73.0 -72.0 -75.0 -75.0 -71.0 -73.0 -68.0 -75.0 -72.0 -72.0 -73.0	1101
02S/13W-16007 S 19			176.0	10/02/72 11/03/72 12/05/72 1/30/73 2/22/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	214.3 214.1 211.0 210.8 211.6 210.4 211.3 212.0 215.6 212.3 212.7 213.1	-38.3 -38.1 -35.0 -34.8 -35.6 -34.4 -35.3 -36.0 -39.6 -36.3 -36.7 -37.1	1200	02S/13W-23H01 S 19			154.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	214.1(5) 209.1(5) 207.1(5) 204.1(5) 204.1(5) 204.1(5) 199.1(5) 203.1(5) 211.1(5) 209.1(5) 207.1(5) 208.1(5)	-60.1 -55.1 -53.1 -50.1 -50.1 -50.1 -45.1 -49.1 -57.1 -55.1 -53.1 -54.1	1101
02S/13W-20R02 S 19			153.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73	124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 123.9(5) 123.9(5)	28.1 28.1 28.1 28.1 28.1 28.1 28.1 28.1 29.1 28.1	1101	02S/13W-23J02 S 19			145.7	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	215.1(5) 206.1(5) 195.1(5) 196.1(5) 195.1(5) 194.1(5) 193.1(5) 200.1(5) 193.1(5) 196.1(5) 196.1(5) 194.1(5)	-69.4 -60.4 -49.4 -50.4 -49.4 -48.4 -47.4 -54.4 -47.4 -50.4 -50.4 -48.4	1101
02S/13W-20R03 S 19			152.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73	200.5(1) 198.5(1) 198.5(1) 195.5(1) 197.5(1) 198.5(1) 198.5(1) 195.5(1) 200.5(1)	-48.5 -46.5 -46.5 -43.5 -45.5 -46.5 -46.5 -43.5 -48.5	1101	02S/13W-24Q02 S			146.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73	195.0(5) 194.0(5) 187.0(5) 187.0(5) 186.0(5) 178.0(5) 181.0(5) 184.0(5) 185.0(5) 196.0(5) 199.0(5)	-49.0 -48.0 -41.0 -41.0 -40.0 -32.0 -35.0 -38.0 -39.0 -50.0 -53.0	1101

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA U-05 U-05.A U-05.A5								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA U-05 U-05.A U-05.A5							
02S/13W-24002 S			146.0	9/14/73	192.0(5)	-46.0	1101	02S/13W-28003 S 19			142.0	1/14/73	184.4(5)	-42.4	1101
02S/13W-25003 S 19			140.0	10/01/72	198.6(5)	-58.6	1101	(CONTINUED)							
				11/01/72	233.6(5)	-93.6						2/14/73	183.4(5)	-41.4	
				12/01/72	183.6(5)	-43.6						3/14/73	174.4(5)	-32.4	
				1/01/73	178.6(5)	-38.6						4/14/73	179.4(5)	-37.4	
				2/01/73	180.6(5)	-40.6						5/14/73	179.4(5)	-37.4	
				3/01/73	180.6(5)	-40.6						6/14/73	188.9(1)	-46.9	
				4/01/73	170.6(5)	-30.6						7/14/73	187.4(5)	-45.4	
				5/01/73	179.6(5)	-39.6						8/14/73	190.4(5)	-44.4	
				6/01/73	182.6(5)	-42.6						9/21/73	191.4(5)	-49.4	
				7/01/73	182.6(5)	-42.6		02S/13W-28001 S 19			142.0	10/14/72	109.0(5)	33.0	1101
				8/01/73	184.6(5)	-44.6						11/14/72	109.0(5)	33.0	
				9/01/73	186.6(5)	-46.6						12/14/72	108.0(5)	34.0	
02S/13W-25004 S 19			142.7	10/01/72	228.0(5)	-85.3	1101					1/14/73	107.0(5)	35.0	
				11/01/72	213.0(5)	-70.3						2/14/73	105.0(5)	37.0	
				12/01/72	218.0(5)	-75.3						3/28/73	109.0(5)	33.0	
				1/01/73	208.0(5)	-65.3						4/14/73	109.0(5)	33.0	
				2/01/73	208.0(5)	-65.3						5/14/73	109.0(5)	33.0	
				3/01/73	18.8(5)	123.9						6/14/73	109.0(5)	33.0	
				7/01/73	213.0(5)	-70.3						7/14/73	108.0(5)	34.0	
				8/01/73	213.0(5)	-70.3						8/14/73	108.0(5)	34.0	
				9/01/73	213.0(5)	-70.3						9/07/73	108.0(5)	34.0	
02S/13W-25001 S 19			137.0	10/02/72	163.7	-26.7	1101	02S/13W-31002 S			132.9	12/13/72	190.5	-57.6	1101
				11/06/72	166.7	-29.7						4/17/73	186.7	-53.4	
				12/04/72	168.7	-31.7		02S/13W-32004 S 19			130.0	10/02/72	197.1	-67.1	1200
				1/02/73	169.7	-32.7						11/03/72	196.2	-66.2	
				7/18/73	127.7(5)	9.3						12/05/72	193.6	-63.6	
02S/13W-25003 S 19			136.0	10/02/72	162.5	-26.5	1101					1/24/73	193.2	-63.2	
				11/06/72	165.5	-29.5						2/22/73	192.3	-62.3	
				12/04/72	167.5	-31.5						3/23/73	191.8	-61.8	
				1/02/73	168.5	-32.5						4/25/73	191.3	-61.3	
				3/03/73	153.5(5)	-17.5						5/25/73	192.1	-62.1	
02S/13W-25001 S 19			125.0	10/01/72	160.7(5)	-35.7	1101					6/27/73	194.4	-64.4	
				11/01/72	156.7(5)	-31.7						7/23/73	194.7	-64.7	
				12/01/72	156.7(5)	-31.7						8/31/73	195.1	-65.1	
				1/01/73	158.7(5)	-33.7						9/26/73	194.6	-64.6	
				2/01/73	158.7(5)	-33.7		02S/13W-32006 S			118.0	10/15/72	NM-7		1200
				3/01/73	146.7(5)	-21.7						11/17/72	NM-7		
				4/01/73	162.7(5)	-37.7						12/17/72	NM-7		
				5/01/73	183.7(5)	-58.7						1/14/73	NM-7		
				6/01/73	153.7(5)	-28.7						2/18/73	NM-7		
				7/01/73	158.7(5)	-33.7						3/16/73	NM-7		
				8/01/73	161.7(5)	-36.7						4/15/73	NM-7		
				9/01/73	163.7(5)	-38.7						5/11/73	NM-7		
02S/13W-27007 S 19			157.0	10/31/72	218.5(5)	-61.5	1101					6/17/73	NM-7		
				11/30/72	213.5(5)	-56.5						7/15/73	NM-7		
				12/31/72	212.5(5)	-55.5						8/17/73	NM-7		
				1/31/73	211.5(5)	-54.5						9/15/73	NM-7		
				2/28/73	209.5(5)	-52.5		02S/13W-32007 S 19			117.0	10/15/72	188.8(5)	-71.8	1200
				3/31/73	211.5(5)	-54.5						11/10/72	188.8(5)	-71.8	
				4/30/73	209.5(5)	-52.5						12/17/72	186.8(5)	-69.8	
				5/31/73	207.5(5)	-50.5						1/14/73	187.8(5)	-70.8	
				7/03/73	219.5(5)	-62.5						2/18/73	186.8(5)	-69.8	
				8/08/73	213.5(5)	-56.5		02S/13W-32009 S 19			117.0	10/02/72	183.1	-66.1	1200
				9/30/73	212.5(5)	-55.5						11/03/72	181.7	-64.7	
02S/13W-27019 S 19			157.0	10/31/72	210.5	-53.5	1101					12/05/72	179.3	-62.3	
				11/30/72	208.5(5)	-51.5						1/24/73	178.9	-61.9	
				12/31/72	213.5(5)	-56.5						2/22/73	178.2	-61.2	
				1/31/73	212.5(5)	-55.5						3/23/73	177.5	-60.5	
				2/28/73	207.5(5)	-50.5						4/25/73	177.1	-60.1	
				3/31/73	213.5(5)	-56.5						5/25/73	178.5	-61.5	
				4/30/73	208.5(5)	-51.5						6/27/73	181.7	-64.7	
				5/31/73	206.5(5)	-49.5						7/23/73	181.5	-64.5	
				7/03/73	218.5(5)	-61.5						8/31/73	182.5	-65.5	
				8/08/73	215.5(5)	-58.5						9/26/73	181.0	-64.0	
				9/30/73	207.5(5)	-50.5		02S/13W-32012 S			118.0	12/17/72	333.0(1)	-215.0	1200
02S/13W-27021 S 19			157.0	10/31/72	222.4	-65.4	1101					1/14/73	199.0(5)	-81.0	
				11/30/72	221.4(5)	-64.4						2/18/73	197.0(5)	-79.0	
				12/31/72	222.4(5)	-65.4						3/16/73	197.0(5)	-79.0	
				1/31/73	221.9(5)	-64.9						4/12/73	197.0(5)	-79.0	
				2/28/73	222.9(5)	-65.9						5/13/73	197.0(5)	-79.0	
				3/31/73	221.9(5)	-64.9						6/17/73	195.0(5)	-77.0	
				4/30/73	222.4(5)	-65.4						7/15/73	199.0(5)	-81.0	
				5/31/73	217.4(5)	-60.4						8/12/73	219.0(5)	-101.0	
				7/03/73	222.4(5)	-65.4						9/15/73	221.0(5)	-103.0	
				8/08/73	222.4(5)	-65.4		02S/13W-35A01 S 19			121.0	10/01/72	150.7(5)	-29.7	1101
				9/30/73	221.4(5)	-64.4						11/01/72	144.7(5)	-23.7	
02S/13W-28002 S 19			142.0	10/14/72	180.3(5)	-38.3	1101					12/01/72	139.7(5)	-18.7	
				11/14/72	180.3(5)	-38.3						1/01/73	141.7(5)	-20.7	
				12/14/72	180.3(5)	-38.3						2/01/73	138.7(5)	-17.7	
				1/14/73	179.8(5)	-37.8						3/01/73	138.7(5)	-17.7	
				2/14/73	179.3(5)	-37.3						4/01/73	140.7(5)	-19.7	
				3/14/73	177.3(5)	-35.3						5/01/73	141.7(5)	-20.7	
				4/14/73	175.3(5)	-33.3						6/01/73	156.7(5)	-33.7	
				5/14/73	176.3(5)	-34.3						7/01/73	157.7(5)	-36.7	
				6/14/73	177.3(5)	-35.3						8/01/73	152.7(5)	-31.7	
				7/14/73	182.3(5)	-40.3						9/01/73	149.7(5)	-28.7	
				8/14/73	188.3(5)	-46.3		02S/13W-36001 S 19			122.4	10/01/72	142.3(5)	-19.9	1101
				9/21/73	188.3(5)	-46.3						11/01/72	131.3(5)	-8.9	
02S/13W-28003 S 19			142.0	10/14/72	184.4(5)	-42.4	1101					12/01/72	114.3(5)	8.1	
				11/14/72	184.4(5)	-42.4						1/01/73	110.3(5)	12.1	
				12/14/72	184.4(5)	-42.4						2/01/73	112.3(5)	10.1	
												3/01/73	110.3(5)	12.1	
												4/01/73	112.3(5)	10.1	



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
02S/13W-36R01 S 19 (CONTINUED)			122.4	5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	115.3(5) 124.3(5) 122.3(5) 123.3(5) 128.3(5)	7.1 -1.9 0.1 -0.9 -5.9	1101	02S/14W-23C02 S (CONTINUED)			159.0	7/24/73 8/28/73 9/25/73	DRY DRY DRY		1101
02S/13W-36F02 S 19			122.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 7/01/73 8/01/73 9/01/73	141.5 145.5 136.5 130.5 130.5 137.5 128.5 137.5	-19.5 -23.5 -14.5 -8.5 -8.5 -15.5 -6.5 -15.5	1101	02S/14W-23H02 S 19			136.7	10/13/72 11/10/72 12/15/72 1/07/73 2/18/73 3/18/73 4/15/73 5/13/73 6/17/73 7/15/73 8/13/73 9/16/73	238.5(1) 238.5(1) 238.5(1) 239.5(1) 239.5(1) 239.5(1) 241.5(1) 239.5(1) 239.5(1) 239.5(1) 241.5(1) 241.5(1)	-101.8 -101.8 -101.8 -102.8 -102.8 -102.8 -104.8 -102.8 -102.8 -102.8 -104.8	1200
02S/14W-03K01 S 19			111.4	4/04/73 5/08/73 6/01/73 7/03/73 8/10/73 9/04/73	162.9 162.7 164.9 164.9 162.8 163.2	-51.5 -51.3 -53.5 -53.5 -51.4 -51.8	1101	02S/14W-23H03 S			136.0	10/01/72 11/01/72 12/05/72 1/01/73 2/22/73 3/01/73 4/25/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		1200
02S/14W-04N01 S 19			105.0	4/09/73	178.6(4)	-73.6	1101	02S/14W-23H12 S 19			135.7	10/22/72 11/10/72 12/09/72 1/14/73 2/18/73 3/18/73 4/13/73 5/13/73 6/16/73 7/15/73 8/19/73 9/16/73	243.5(1) 245.5(1) 243.5(1) 247.5(1) 247.5(1) 249.5(1) 249.5(1) 251.5(1) 245.5(1) 245.5(1) 245.5(1) 249.5(1)	-107.8 -109.8 -107.8 -106.8 -111.8 -113.8 -113.8 -115.8 -109.8 -109.8 -109.8 -113.8	1200
02S/14W-05C04 S			85.0	11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	144.0(5) 144.0(5) 142.0(5) 139.0(5) 138.0(5) 140.0(5) 140.0(5) 141.0(5) 139.0(5) 137.0(5) 138.0(5)	-59.0 -59.0 -57.0 -54.0 -53.0 -55.0 -55.0 -56.0 -54.0 -52.0 -53.0	1101	02S/14W-24G01 S			138.6	12/14/72 4/17/73	101.7 97.2	36.9 41.4	1101
02S/14W-05D08 S			88.0	11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	144.0(5) 142.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 139.0(5) 138.0(5)	-56.0 -54.0 -52.0 -52.0 -52.0 -52.0 -52.0 -81.0 -51.0 -50.0 -49.0	1101	03S/11W-01C01 S 19			284.0	12/07/72 4/06/73	50.7 50.3	233.3 233.7	1101
02S/14W-14C01 S 19			129.9	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	199.1(5) 199.1(5) 198.1(5) 198.1(5) 199.1(5) 199.1(5) 200.1(5) 200.1(5) 200.1(5) 197.1(5) 197.1(5) 196.1(5)	-69.2 -69.2 -68.2 -68.2 -69.2 -69.2 -70.2 -70.2 -70.2 -67.2 -67.2 -66.2	1101	03S/11W-01P01 S 19			264.0	11/01/72 1/02/73 3/01/73 5/01/73 7/02/73 9/04/73	196.5(5) 194.5(5) 193.5(5) 192.5(5) 196.5(5) 199.5(5)	67.4 69.5 70.5 71.5 67.5 64.5	1101
02S/14W-14C02 S 19			130.7	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	197.0(5) 196.0(5) 196.0(5) 196.0(5) 197.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 196.0(5)	-66.3 -65.3 -65.3 -65.3 -66.3 -64.3 -64.3 -64.3 -64.3 -64.3 -64.3 -65.3	1101	03S/11W-01P02 S 19			266.0	11/01/72 1/08/73 3/12/73 5/01/73 7/03/73 9/04/73	31.0 32.0 31.0 32.5 33.0 33.0	235.0 234.0 235.0 233.5 233.0 233.0	1101
02S/14W-14C05 S 19			129.7	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	195.0(5) 195.0(5) 195.0(5) 196.0(5) 197.0(5) 197.0(5) 198.0(5) 196.0(5) 196.0(5) 198.0(5) 198.0(5) 197.0(5)	-65.3 -65.3 -65.3 -66.3 -67.3 -67.3 -68.3 -66.3 -66.3 -68.3 -68.3 -67.3	1101	03S/11W-02K01 S 19			216.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	155.0(5) 150.0(5) 148.0(5) 154.0(5) 160.0(5) 163.0(5)	61.0 66.0 68.0 62.0 56.0 53.0	1101
02S/14W-14F02 S			101.0	7/19/73	NM-0		1101	03S/11W-02P01 S 19			214.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	149.0(5) 144.0(5) 140.0(5) 141.0(5) 222.0(1) 221.0(1)	65.0 70.0 74.0 73.0 -8.0 -7.0	1101
02S/14W-22P03 S 19			167.0	4/04/73	206.8	-39.8	5050	03S/11W-04J03 S			152.2	12/12/72	DRY		1101
02S/14W-22P04 S 19			170.0	4/04/73	210.2	-40.2	5050	03S/11W-04M02 S 19			154.0	12/12/72 4/06/73	59.5 48.0	94.5 106.0	1101
02S/14W-23C02 S			159.0	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY		1101	03S/11W-05H03 S 19			161.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	52.0 60.0(5) 57.0(5) 54.0(5) 56.0(5) 62.0(5)	109.0 101.0 104.0 107.0 105.0 99.0	1101
								03S/11W-05N04 S 19			151.0	12/12/72 4/06/73	129.0 118.0	22.0 33.0	1101
								03S/11W-05R02 S 19			171.0	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/28/73 4/23/73 5/29/73 6/25/73 7/23/73	81.1 77.5 80.2 80.0 79.8 76.7 74.5 78.5 78.7 82.0	89.9 93.5 90.8 91.0 91.2 94.3 96.5 92.5 92.3 89.0	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
035/11W-05R02 S 19			171.0	8/27/73	80.5	90.5	1101	035/11W-10N02 S			145.0	12/13/72	76.2	68.8	1101
(CONTINUED)				9/24/73	78.0	93.0						4/09/73	84.3	60.7	
035/11W-06K04 S 19			135.9	10/24/72	91.3	44.6	1101	035/11W-13D01 S			283.6	7/19/73	NM-0		1101
				11/27/72	91.5	44.4						8/20/73	NM-0		
				12/26/72	91.6	44.3		035/11W-14R01 S			237.0	12/07/72	NM-2		1101
				1/22/73	93.4	42.5						4/06/73	NM-2		
				2/26/73	91.0	44.9		035/11W-14H04 S 19			268.5	12/07/72	204.6	63.9	1101
				3/27/73	92.5	43.4						4/06/73	209.0 (4)	59.5	
				4/23/73	93.3	42.6		035/11W-14N02 S 19			161.5	12/07/72	121.6	39.9	1101
				5/29/73	93.5	42.4						4/06/73	118.4	43.1	
				6/25/73	93.8	42.1		035/11W-14R02 S 19			220.0	12/07/72	156.9	63.1	1101
				7/23/73	94.1	41.8						4/06/73	154.6 (R)	65.4	
				8/27/73	93.8	42.1		035/11W-15G01 S 19			160.4	12/07/72	115.4	45.0	1101
				9/24/73	94.0	41.9						2/06/73	105.0 (5)	55.4	
035/11W-06P02 S 19			129.0	7/25/73	103.6	25.4	1733					4/06/73	113.4	47.0	
				8/15/73	104.1	24.9		035/11W-15P01 S 19			125.0	10/02/72	175.5 (1)	-50.5	1101
				9/05/73	104.5	24.5						11/01/72	134.5	-9.5	
035/11W-07R02 S 19			123.0	10/24/72	97.5	25.5	1101					12/01/72	130.5	-5.5	
				11/27/72	92.0	31.0						1/02/73	98.5	26.5	
				12/26/72	92.0	31.0						2/01/73	119.5	5.5	
				1/22/73	90.5	32.5						4/02/73	86.5	38.5	
				2/26/73	94.4	28.6						5/01/73	110.5	14.5	
				3/27/73	91.6	31.4						6/03/73	112.5	12.5	
				4/23/73	96.5	26.5						7/02/73	146.5 (1)	-21.5	
				5/29/73	96.6	26.4						8/02/73	114.5	10.5	
				6/25/73	93.6	29.4						9/15/73	118.5	6.5	
				7/23/73	94.0	29.0		035/11W-16F03 S 19			110.0	12/12/72	131.2 (4)	-21.2	1101
				8/27/73	94.5	28.5						4/06/73	71.0	39.0	
				9/24/73	97.5	25.5		035/11W-16M02 S			90.0	12/07/72	NM-1		1101
035/11W-07F01 S 19			116.0	10/14/72	98.1 (5)	17.9	1101					1/22/73	NM-1		
				11/07/72	98.1 (5)	17.9		035/11W-17M03 S 19			96.0	3/29/73	83.5 (5)	12.5	1101
				12/14/72	98.1 (5)	17.9						4/30/73	85.5 (5)	10.5	
				1/14/73	93.1 (5)	22.9						5/31/73	85.5 (6)	10.5	
				2/14/73	93.1 (5)	22.9						6/28/73	85.5 (6)	10.5	
				3/14/73	96.1 (5)	19.9						7/31/73	85.5 (6)	10.5	
				4/14/73	91.1 (5)	24.9						8/30/73	85.5 (6)	10.5	
				5/07/73	94.1 (5)	21.9						9/28/73	85.5 (6)	10.5	
				6/14/73	115.1 (1)	0.9		035/11W-18R04 S			88.0	12/01/72	NM-0		1101
				7/14/73	103.1 (5)	12.9						10/14/72	95.0 (5)	7.0	1101
				8/14/73	103.1 (5)	12.9						11/07/72	93.0 (5)	9.0	
				9/21/73	104.1 (5)	11.9						12/07/72	93.0 (5)	9.0	
035/11W-07F02 S 19			117.0	10/14/72	94.0 (5)	23.0	1101					1/14/73	91.0 (5)	11.0	
				11/07/72	95.0 (5)	22.0						2/14/73	90.0 (5)	12.0	
				12/14/72	93.0 (5)	24.0						3/14/73	89.0 (5)	13.0	
				1/14/73	91.0 (5)	26.0						4/14/73	90.0 (5)	12.0	
				2/14/73	89.0 (5)	28.0						5/21/73	93.0 (5)	9.0	
				3/14/73	89.0 (5)	28.0						6/14/73	131.0 (1)	-29.0	
				4/14/73	83.0 (5)	34.0						7/14/73	96.0 (5)	6.0	
				5/07/73	88.0 (5)	29.0						8/14/73	95.0 (5)	7.0	
				6/14/73	92.0 (5)	25.0						9/14/73	96.0 (5)	6.0	
				7/14/73	90.0 (5)	27.0		035/11W-18G04 S 19			102.0	10/14/72	94.5 (5)	6.0	1101
				8/14/73	90.0 (5)	27.0						11/07/72	101.5 (5)	-1.0	
				9/14/73	93.0 (5)	24.0						12/21/72	187.5 (1)	-87.0	
035/11W-07P03 S 19			107.5	10/04/72	92.9	14.6	1733					1/14/73	90.5 (5)	10.0	
				11/15/72	91.5	16.0						2/14/73	90.5 (5)	10.0	
				12/06/72	91.0	16.5						3/14/73	90.5 (5)	10.0	
				1/17/73	89.2	18.3						4/14/73	91.5 (5)	9.0	
				2/07/73	88.6	18.9						5/07/73	99.5 (5)	1.0	
				3/21/73	89.0	18.5						6/21/73	99.5 (5)	1.0	
				4/11/73	88.6	18.9						7/21/73	101.5 (5)	-1.0	
				5/02/73	89.7	17.8						8/14/73	95.5 (5)	5.0	
				6/13/73	92.6	14.9						9/14/73	96.5 (5)	4.0	
				7/04/73	94.7	12.8		035/11W-18G05 S 19			100.5	10/14/72	94.5 (5)	6.0	1101
				8/15/73	93.0	14.5						11/07/72	101.5 (5)	-1.0	
				9/05/73	92.7	14.8						12/21/72	187.5 (1)	-87.0	
035/11W-08H01 S 19			160.0	10/14/72	145.5 (5)	14.5	1101					1/14/73	90.5 (5)	10.0	
				11/07/72	147.5 (5)	12.5						2/14/73	90.5 (5)	10.0	
				12/14/72	145.5 (5)	14.5						3/14/73	90.5 (5)	10.0	
				1/14/73	144.5 (5)	15.5						4/14/73	91.5 (5)	9.0	
				2/14/73	142.5 (5)	17.5						5/07/73	99.5 (5)	1.0	
				3/14/73	140.5 (5)	19.5						6/21/73	99.5 (5)	1.0	
				4/14/73	135.5 (5)	24.5						7/21/73	101.5 (5)	-1.0	
				5/21/73	140.5 (5)	19.5						8/14/73	95.5 (5)	5.0	
				6/14/73	140.5 (5)	19.5						9/14/73	96.5 (5)	4.0	
				7/21/73	143.5 (5)	16.5		035/11W-18L01 S 19			96.0	10/01/72	99.4 (5)	-3.4	1101
				8/14/73	143.5 (5)	16.5						11/01/72	100.4 (5)	-4.4	
				9/14/73	143.5 (5)	16.5						12/01/72	100.4 (5)	-4.4	
035/11W-09R01 S 19			142.0	12/12/72	77.8	64.2	1101					1/09/73	96.4 (5)	-0.4	
				4/06/73	74.8	67.2						2/02/73	94.4 (5)	1.4	
035/11W-09G01 S 19			154.0	12/12/72	103.5 (R)	50.5	1101					3/02/73	97.4 (5)	-1.4	
				4/06/73	98.7	55.3						4/02/73	97.4 (5)	-1.4	
035/11W-10N01 S			143.5	10/16/72	100.8	42.7	1733					5/02/73	105.4 (5)	-9.4	
				11/06/72	97.9	45.6						6/02/73	102.4 (5)	-6.4	
				12/18/72	95.2	48.3						7/02/73	104.4 (5)	-8.4	
				1/08/73	94.3	49.2						8/02/73	106.4 (5)	-10.4	
				3/12/73	92.5	51.0						9/01/73	106.4 (5)	-10.4	
				4/02/73	90.3	53.2		035/11W-18L02 S 19			95.5	10/01/72	93.8 (5)	1.7	1101
				5/14/73	93.6	49.9						11/01/72	91.8 (5)	3.7	
				6/04/73	94.6	48.9						12/01/72	91.8 (5)	3.7	
				7/16/73	97.5	46.0						1/09/73	86.8 (5)	8.7	
				8/06/73	98.1	45.4						2/02/73	86.8 (5)	8.7	
				9/17/73	99.0	44.5						3/02/73	85.8 (5)	9.7	
												4/02/73	85.8 (5)	9.7	
												5/02/73	91.8 (5)	3.7	
												6/02/73	100.8 (5)	-5.3	

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SURAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SURAREA							
03S/11W-18L02 S 19			95.5	7/02/73	101.8(5)	-6.3	1101	03S/11W-28R02 S 19			63.0	4/24/73	58.9	4.1	1101
(CONTINUED)				8/01/73	90.8(5)	4.7									
				9/01/73	90.8(5)	4.7		03S/11W-28R01 S 19			62.5	10/04/72	61.0	1.5	1733
03S/11W-18M01 S			96.0	10/30/72	121.0(6)	-25.0	1101					11/15/72	57.8	4.7	
				11/29/72	121.0(6)	-25.0						12/06/72	56.0	6.5	
				3/30/73	108.0(6)	-12.0						1/17/73	54.6	7.9	
				4/30/73	106.0(6)	-10.0						2/07/73	53.7	8.8	
				5/31/73	112.0(6)	-16.0						3/21/73	53.4	9.1	
				6/28/73	112.0(6)	-16.0						4/11/73	54.7	7.8	
				7/31/73	112.0(6)	-16.0						5/02/73	56.4	5.9	
				8/30/73	112.0(6)	-16.0						6/13/73	58.4	4.1	
				9/28/73	112.0(6)	-16.0						7/04/73	60.2	2.3	
												8/15/73	59.7	2.8	
												9/05/73	59.8	2.7	
03S/11W-18R05 S 19			175.5	10/20/72	77.2(5)	98.3	1101	03S/11W-29F03 S 19			67.6	12/08/72	79.3	-11.7	1101
				11/20/72	75.2(5)	100.3						4/23/73	82.1	-14.5	
				12/15/72	71.2(5)	104.3		03S/11W-29F04 S 19			58.5	4/22/73	NM-1		1101
				1/11/73	67.2(5)	108.3									
				2/15/73	62.2(5)	113.3		03S/11W-29F04 S 19			64.0	12/11/72	74.3	-10.3	1101
				3/15/73	56.2(5)	119.3						4/24/73	81.1	-17.1	
				4/15/73	53.2(5)	122.3		03S/11W-30R01 S 19			71.0	12/11/72	61.4	9.6	1101
				5/15/73	52.2(5)	123.3						4/24/73	61.1	9.9	
				6/15/73	52.2(5)	123.3		03S/11W-30R02 S 19			65.0	12/08/72	82.9	-17.9	1101
				7/15/73	47.2(5)	128.3						4/24/73	82.9	-17.9	
				8/15/73	50.2(5)	125.3		03S/11W-30P02 S 19			56.5	10/28/72	71.8(5)	-15.3	1101
				9/15/73	47.2(5)	128.3						11/14/72	68.8(5)	-12.3	
03S/11W-19A02 S 19			87.0	10/31/72	97.5(5)	-10.5	1101					12/14/72	65.8(5)	-9.3	
				11/29/72	97.5(5)	-10.5						1/14/73	65.8(5)	-9.3	
				3/29/73	87.5(5)	-0.5						2/14/73	62.8(5)	-6.3	
				4/30/73	91.5(5)	-4.5						3/14/73	62.8(5)	-6.3	
				5/31/73	94.5(5)	-7.5						4/14/73	66.8(5)	-10.3	
				6/28/73	94.5(5)	-7.5						5/21/73	69.8(5)	-13.3	
				7/30/73	94.5(6)	-7.5						6/14/73	73.8(5)	-17.3	
				8/29/73	96.5(5)	-9.5						7/14/73	82.8(5)	-26.3	
				9/28/73	96.5(6)	-9.5						8/14/73	76.8(5)	-20.3	
												9/14/73	76.8(5)	-20.3	
03S/11W-19F02 S 19			86.0	11/29/72	103.2(5)	-17.2	1101	03S/11W-31M03 S 19			51.5	10/14/72	75.0(5)	-23.5	1101
				3/30/73	96.2(5)	-10.2						11/14/72	70.0(5)	-18.5	
				4/30/73	106.2(5)	-20.2						12/14/72	66.0(5)	-14.5	
				5/31/73	109.2(5)	-23.2						1/14/73	63.0(5)	-11.5	
				6/28/73	109.2(5)	-23.2						2/14/73	61.0(5)	-9.5	
				7/30/73	109.2(6)	-23.2						3/14/73	64.0(5)	-12.5	
				8/29/73	109.2(6)	-23.2						4/14/73	67.0(5)	-15.5	
				9/28/73	109.2(6)	-23.2						5/21/73	68.0(5)	-16.5	
03S/11W-19J02 S 19			76.5	10/31/72	85.0(5)	-8.5	1101					6/14/73	76.0(5)	-24.5	
				11/29/72	85.0(5)	-8.5						7/21/73	76.0(5)	-24.5	
				3/20/73	91.0(5)	-14.5						8/14/73	74.0(5)	-22.5	
				4/30/73	84.0(5)	-7.5						9/14/73	76.0(5)	-24.5	
				5/31/73	84.0(6)	-7.5		03S/11W-32P03 S 19			46.2	10/04/72	54.8	-8.6	1733
				6/28/73	84.0(6)	-7.5						11/15/72	49.2	-3.0	
				7/30/73	84.0(6)	-7.5						12/06/72	46.3	-0.1	
				8/30/73	84.0(6)	-7.5						1/17/73	45.3	0.4	
03S/11W-19R01 S 19			71.0	10/31/72	84.5(5)	-13.5	1101					2/07/73	43.9	2.3	
				11/29/72	84.5(5)	-13.5						3/21/73	43.8	2.4	
				3/28/73	174.5(6)	-103.5						4/11/73	47.0	-0.8	
				4/30/73	181.5(6)	-110.5						5/02/73	49.3	-3.1	
				5/31/73	181.5(6)	-110.5						6/13/73	52.0	-5.4	
				6/29/73	181.5(6)	-110.5						7/04/73	54.3	-8.1	
				7/30/73	181.5(6)	-110.5						8/15/73	52.9	-6.7	
				8/29/73	183.5(6)	-112.5						9/05/73	52.3	-6.1	
				9/28/73	183.5(6)	-112.5		03S/11W-32R04 S 19			47.0	12/11/72	46.7	0.3	1101
03S/11W-20R01 S 19			80.0	10/30/72	80.0(5)	0.0	1101					4/24/73	50.2	-3.2	
				11/30/72	80.0(5)	0.0		03S/11W-32R06 S 19			47.0	10/31/72	51.8	-4.8	5102
				3/29/73	77.0(5)	3.0						1/04/73	46.5	0.5	
				4/30/73	79.0(5)	1.0						3/01/73	44.9	2.1	
				5/30/73	79.0(6)	1.0						5/09/73	43.8	3.2	
				6/28/73	79.0(6)	1.0						7/03/73	55.3	-8.3	
				7/31/73	79.0(6)	1.0						9/06/73	55.8	-8.8	
				8/31/73	79.0(6)	1.0		03S/11W-33P03 S 30			47.9	10/11/72	74.4	-26.5	1101
				9/28/73	79.0(6)	1.0						11/08/72	73.0	-25.1	
03S/11W-20F01 S 19			79.0	12/11/72	66.5	12.5	1101					12/12/72	70.1	-22.2	
				4/24/73	66.7	12.3						1/08/73	67.0	-19.1	
03S/11W-20J01 S 19			76.5	12/11/72	83.0(4)	-6.5	1101					2/15/73	64.4	-16.5	
				4/24/73	87.6	-11.1						3/05/73	63.5	-15.8	
03S/11W-21R03 S 19			81.5	12/07/72	79.6	1.9	1101					4/17/73	63.0	-15.1	
				4/06/73	78.2	3.3						5/10/73	65.0	-17.1	
03S/11W-22L01 S 19			85.0	12/11/72	51.1	33.9	1101					6/05/73	67.2	-19.3	
				2/06/73	46.5(5)	38.5						7/05/73	67.1	-19.2	
				4/16/73	50.5(5)	34.5						8/23/73	68.5	-20.5	
				6/14/73	64.5(5)	20.5						9/07/73	74.3	-26.4	
				8/02/73	66.5(5)	18.5		03S/12W-01A04 S 19			130.0	10/24/72	71.0	59.0	1101
				9/05/73	61.5(5)	23.5						11/27/72	70.1	59.9	
03S/11W-27G03 S 19			64.0	12/11/72	69.3	-5.3	1101					12/26/72	69.8	60.2	
				4/24/73	63.4	0.6						1/22/73	69.0	61.0	
03S/11W-27L01 S			62.0	4/24/73	NM-1		1101					2/26/73	67.9	62.1	
03S/11W-27R02 S 19			65.1	3/12/73	76.7	-11.6	5102					4/23/73	67.2	62.8	
				5/09/73	72.0	-6.9						5/29/73	67.1	62.9	
				7/02/73	88.8	-23.7						6/25/73	71.6	58.4	
				8/30/73	90.5	-25.4						7/23/73	67.4	62.6	
03S/11W-28R02 S 19			63.0	12/11/72	61.3	1.7	1101					8/27/73	67.0	63.0	
												9/24/73	66.4	63.6	

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
						U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5	
03S/12W-01A06 S 19			136.0	10/04/72	75.6	60.4	1733	03S/12W-02H04 S 19			119.5	6/28/77	110.0(6)	9.5	1101
				11/15/72	76.8	59.2		(CONTINUED)				7/30/77	87.0(5)	32.5	
				12/06/72	76.3	59.7						8/30/77	87.0(6)	32.5	
				1/17/73	74.2	61.8						9/28/77	87.0(6)	32.5	
				2/07/73	73.8	62.2		03S/12W-02H05 S 19			129.0	10/24/72	84.1	36.4	1101
				3/21/73	72.9	63.1						11/27/72	83.4	39.4	
				4/11/73	72.6	63.4						12/26/72	80.6	42.4	
				5/02/73	72.3	63.7						1/22/73	81.5	41.5	
				6/13/73	72.1	63.9						2/26/77	80.2	42.4	
				7/04/73	72.5	63.5						3/27/77	76.0	47.0	
				8/15/73	72.2	63.8						4/23/77	80.3	42.7	
				9/05/73	71.8	64.2						5/29/77	81.8	41.2	
03S/12W-01R01 S 19			128.5	12/12/72	82.5(8)	46.0	1101					6/25/77	82.7	40.1	
				4/06/73	79.3(8)	49.2						7/23/77	82.8	40.2	
03S/12W-01D02 S 19			128.6	10/24/72	83.0	45.6	1101	03S/12W-02L01 S 19			116.5	1/01/77	86.0(5)	30.5	1101
				11/27/72	80.7	47.9						2/01/77	78.0(5)	38.5	
				1/22/73	73.9	54.7						3/01/77	78.0(5)	38.5	
				2/26/73	70.5	58.1						4/01/77	80.0(5)	36.5	
				3/27/73	73.5	55.1						5/01/77	82.0(5)	34.5	
				4/23/73	75.9	52.7						6/01/77	84.0(5)	32.5	
				5/29/73	75.2	53.4						7/01/77	83.0(5)	33.5	
				6/25/73	78.0	50.6						8/01/77	82.0(5)	34.5	
				7/23/73	78.2	50.4						9/01/77	81.0(5)	35.5	
				8/27/73	77.5	51.1		03S/12W-02P01 S 19			115.5	10/14/72	92.0(5)	23.5	1101
03S/12W-01F06 S 19			127.6	10/24/72	83.7(6)	33.9	1101					11/07/72	92.0(5)	23.5	
				11/27/72	83.8	43.8						12/14/72	88.0(5)	27.5	
				12/26/72	82.1	45.5						1/14/77	87.0(5)	28.5	
				1/22/73	80.4	47.2						2/14/77	85.0(5)	30.5	
				2/26/73	79.5	48.1						3/14/77	85.0(5)	30.5	
				3/27/73	78.5	49.1						4/14/77	85.0(5)	30.5	
				4/23/73	80.0	47.6						5/07/77	87.0(5)	28.5	
				5/29/73	81.2	46.4						6/14/77	89.0(5)	26.5	
				6/25/73	83.5	44.1						7/14/77	91.0(5)	24.5	
				7/23/73	85.5	42.1						8/14/77	91.0(5)	24.5	
				8/27/73	87.4	40.2						9/21/77	88.0(5)	27.5	
				9/24/73	81.5	46.1		03S/12W-03J01 S 19			118.0	1/01/77	86.0(5)	32.0	1101
03S/12W-01K02 S 19			122.0	10/24/72	82.5	39.5	1101					2/01/77	86.0(5)	32.0	
				11/27/72	85.9	36.1						3/01/77	88.0(5)	30.0	
				12/26/72	83.7	38.3						4/01/77	90.0(5)	28.0	
				1/22/73	83.9	38.1						5/01/77	98.0(5)	20.0	
				2/26/73	81.7	40.3						6/01/77	92.0(5)	26.0	
				3/27/73	82.4	39.6						7/01/77	91.0	27.0	
				4/23/73	82.0	40.0						8/01/77	91.0	27.0	
				5/29/73	82.0	40.0						9/01/77	95.0	23.0	
				6/25/73	91.2(6)	30.8		03S/12W-03M01 S 19			117.0	10/01/77	100.0(5)	13.0	1101
				7/23/73	84.0	38.0						11/01/77	94.0(5)	14.0	
				8/27/73	89.2	32.8						12/01/77	94.0(5)	14.0	
				9/24/73	87.2(6)	34.8						1/01/77	90.0(5)	23.0	
03S/12W-01L03 S 19			120.0	10/24/72	87.2	32.8	1101					2/01/77	88.0(5)	23.0	
				11/27/72	81.6	38.4						3/01/77	89.0(5)	24.0	
				12/26/72	84.7	35.3						4/01/77	97.0(5)	20.0	
				1/22/73	82.8	37.2						5/01/77	102.0(5)	11.0	
				2/26/73	82.0	38.0						6/01/77	96.0(5)	17.0	
				3/27/73	80.8	39.2						7/01/77	96.0(5)	17.0	
				4/23/73	82.9	37.1						8/01/77	94.0(5)	19.0	
				5/29/73	84.2	35.8						9/01/77	95.0(5)	18.0	
				6/25/73	84.1	35.9		03S/12W-04P01 S 19			110.0	10/30/72	72.7	37.3	1101
				7/23/73	84.6	35.4						11/27/72	71.0	37.0	
				8/27/73	84.6	35.4						12/26/72	71.0	37.0	
				9/24/73	83.1	36.9						1/24/77	73.5	36.5	
03S/12W-01M04 S 19			119.0	5/03/73	85.3	33.7	1101					2/26/77	71.6	36.4	
				6/25/73	88.8	30.2						3/27/77	71.6	36.4	
				7/23/73	86.8	32.2						4/23/77	74.0	36.0	
				8/27/73	87.0	32.0						5/29/77	74.3	35.7	
				9/24/73	84.3	34.7						6/27/77	74.7	35.3	
03S/12W-01N05 S 19			118.0	10/29/72	85.5	32.5	1101					7/23/77	75.2	34.8	
				11/26/72	82.5	35.5						9/26/77	71.5	38.5	
				12/31/72	82.5	35.5		03S/12W-04Q02 S 19			112.0	10/01/77	103.0	9.0	1101
				1/21/73	80.5	37.5						11/01/77	98.0	14.0	
				2/18/73	80.5	37.5						12/01/77	98.0(5)	14.0	
				3/19/73	79.5	38.5						1/01/77	95.0(5)	17.0	
				4/29/73	80.5	37.5						2/01/77	93.0(5)	19.0	
				5/27/73	81.5	36.5						3/01/77	92.0(5)	20.0	
				6/17/73	82.5	35.5						4/01/77	96.0(5)	16.0	
				7/22/73	84.5	33.5						5/01/77	100.0(5)	12.0	
				8/25/73	82.5	35.5						6/01/77	101.0(5)	11.0	
				9/30/73	83.5	34.5						7/01/77	99.0	13.0	
03S/12W-02C02 S 19			130.0	12/02/72	78.6	51.4	1101					8/01/77	100.0	12.0	
				5/03/73	79.8	50.2						9/01/77	99.0	13.0	
				6/26/73	79.4	50.6		03S/12W-05A01 S			109.0	10/31/72	117.0(6)	-8.0	1101
				7/23/73	79.2	50.8						11/29/72	117.0(6)	-8.0	
				8/27/73	80.0	50.0						3/29/77	104.0(6)	5.0	
				9/24/73	84.6	45.4						4/27/77	109.0(6)	0.0	
03S/12W-02F01 S 19			127.5	12/12/72	90.2	37.3	1101					5/31/77	114.0(6)	-5.0	
				4/18/73	84.5	43.0						6/28/77	114.0(6)	-5.0	
03S/12W-02H04 S 19			119.5	10/02/72	99.0(5)	20.5	1101					7/30/77	114.0(5)	-5.0	
				11/29/72	99.0(6)	20.5						8/30/77	106.0(5)	3.0	
				12/12/72	90.5(8)	29.0						9/28/77	106.0(6)	3.0	
				3/29/73	87.0(6)	32.5		03S/12W-05R06 S 19			108.0	10/31/77	69.5(5)	38.5	1101
				4/09/73	84.0(5)	35.5						11/29/77	69.5(5)	38.5	
				5/30/73	110.0(6)	9.5						3/29/77	70.5(5)	37.5	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
035/12W-05R06 S 19 (CONTINUED)			108.0	4/27/73	70.5(5)	37.5	1101	035/12W-06F01 S 19 (CONTINUED)			105.4	4/01/73	117.0	-11.6	1101
				5/31/73	72.5(5)	35.5						5/01/73	120.0	-14.6	
				6/28/73	72.5(5)	35.5						7/01/73	123.0	-17.6	
				7/30/73	72.5(6)	35.5						8/01/73	127.0	-21.6	
				8/30/73	72.5(6)	35.5						9/01/73	121.0	-15.6	
				9/28/73	72.5(6)	35.5		035/12W-07C04 S 19			92.0	10/25/72	108.5(5)	-16.5	1101
035/12W-05D02 S 19			105.0	10/30/72	73.9	31.1	1101					11/29/72	102.5(5)	-10.5	
				11/27/72	73.5	31.5						12/06/72	101.5(5)	-9.5	
				12/26/72	73.6	31.4						1/03/73	101.5(5)	-9.5	
				1/24/73	73.5	31.5						2/07/73	101.5(5)	-9.5	
				2/26/73	73.0	32.0						3/07/73	101.5(5)	-9.5	
				3/27/73	73.6	31.4						4/02/73	101.5(5)	-9.5	
				4/23/73	73.8	31.2						5/02/73	103.5(5)	-11.5	
				5/29/73	74.4	30.6						6/06/73	108.5(5)	-16.5	
				6/26/73	75.3	29.7						7/05/73	113.5(5)	-21.5	
				7/23/73	80.1	24.9						8/08/73	113.5(5)	-21.5	
				8/27/73	76.2	28.8						9/05/73	108.5(5)	-16.5	
				9/24/73	76.4	28.6		035/12W-07D05 S 19			83.0	10/14/72	62.2(5)	20.8	1101
035/12W-05H06 S 19			105.5	10/30/72	67.4(8)	38.1	1101					11/14/72	62.2(5)	20.8	
				11/27/72	67.4(8)	38.1						12/14/72	62.2(5)	20.8	
				12/26/72	67.6(8)	37.9						1/14/73	61.7(5)	21.3	
				1/24/73	68.0(8)	37.5						2/14/73	59.2(5)	23.8	
				2/26/73	68.2(8)	37.3						3/14/73	58.2(5)	24.4	
				3/27/73	68.3	37.2						4/14/73	59.2(5)	23.8	
				4/23/73	69.4(8)	36.1						5/14/73	59.2(5)	23.8	
				5/29/73	70.0(8)	35.5						6/14/73	59.2(5)	23.8	
				6/26/73	69.2	36.3						7/14/73	70.2(5)	12.8	
				7/23/73	70.5(8)	35.0						8/14/73	72.2(5)	10.8	
				8/27/73	69.7(8)	35.8						9/07/73	72.2(5)	10.8	
				9/24/73	70.8(8)	34.7		035/12W-08D01 S 19			96.0	10/31/72	70.5(5)	25.5	1101
035/12W-05M01 S 19			99.0	10/31/72	117.5(6)	-18.5	1101					11/29/72	70.5(5)	25.5	
				11/29/72	117.5(6)	-18.5						3/29/73	69.5(5)	26.5	
				1/17/73	95.8(4)	3.2						4/27/73	70.5(6)	25.5	
				3/29/73	117.5(6)	-18.5						5/30/73	70.5(6)	25.5	
				4/13/73	94.2(4)	4.8						6/28/73	70.5(6)	25.5	
				5/31/73	114.5(6)	-15.5						7/30/73	70.5(5)	25.5	
				6/28/73	114.5(6)	-15.5						8/30/73	72.5(5)	23.5	
				7/30/73	115.5(5)	-16.5						9/28/73	72.5(5)	23.5	
				8/30/73	115.5(6)	-16.5		035/12W-08F01 S 19			93.0	12/14/72	91.0(2)	2.0	1101
				9/28/73	115.5(6)	-16.5						4/09/73	87.0	6.0	
035/12W-05R01 S 19			102.0	10/14/72	102.0(5)	0.0	1101	035/12W-08L03 S 19			92.0	10/02/72	64.4	27.6	1733
				11/07/72	102.0(5)	0.0						11/06/72	64.1	27.9	
				12/07/72	101.0(5)	1.0						12/04/72	63.2	28.8	
				1/14/73	101.0(5)	1.0						1/01/73	63.1	28.9	
				2/14/73	91.0(5)	11.0						2/05/73	62.8	29.2	
				3/14/73	92.0(5)	10.0						3/05/73	62.6	29.4	
				4/14/73	92.0(5)	10.0						4/02/73	62.6	29.4	
				5/14/73	92.0(5)	10.0						5/07/73	64.3	27.7	
				6/14/73	93.0(5)	9.0						6/06/73	64.2	27.8	
				7/14/73	93.0(5)	9.0						7/02/73	65.4	26.6	
				8/14/73	93.0(5)	9.0						8/06/73	66.1	25.9	
				9/14/73	93.0(5)	9.0						9/03/73	67.3	24.7	
035/12W-06R03 S 19			102.1	10/01/72	122.0	-19.9	1101	035/12W-08M02 S 19			88.0	10/14/72	62.2(5)	25.8	1101
				11/01/72	126.0	-23.9						4/14/73	64.2(5)	23.8	
				12/01/72	113.0	-10.9						5/14/73	64.2(5)	23.8	
				1/01/73	111.0	-8.9						6/07/73	66.2(5)	21.8	
				2/01/73	112.0	-9.9						7/07/73	66.2(5)	21.8	
				3/01/73	110.0	-7.9						8/14/73	67.2(5)	20.8	
				4/01/73	113.0	-10.9						9/14/73	110.2(1)	-22.2	
				5/01/73	117.0	-14.9		035/12W-09R01 S 19			107.0	10/01/72	104.0(5)	3.0	1101
				6/01/73	120.0	-17.9						11/01/72	99.0(5)	8.0	
				7/01/73	123.0	-20.9						12/01/72	98.0(5)	9.0	
				8/01/73	117.0	-14.9						1/01/73	95.0(5)	12.0	
				9/01/73	111.0	-8.9						2/01/73	95.0(5)	12.0	
035/12W-06D01 S 19			106.5	10/01/72	126.8	-20.3	1101					3/01/73	104.0(5)	3.0	
				11/01/72	131.8	-25.3						4/01/73	110.0(5)	-3.0	
				12/01/72	116.3	-9.8						5/01/73	111.0(5)	-4.0	
				1/01/73	112.8	-6.3						6/01/73	116.0(5)	-9.0	
				2/01/73	116.4	-9.9						7/01/73	110.0(5)	-3.0	
				3/01/73	112.8	-6.3						8/01/73	102.0(5)	5.0	
				4/01/73	118.8	-12.3						9/01/73	103.0(5)	4.0	
				5/01/73	117.4	-10.9		035/12W-09R02 S 19			104.0	10/14/72	98.9	7.1	1733
				6/01/73	131.8	-25.3						11/06/72	97.3	8.7	
				7/01/73	131.8	-25.3						12/18/72	93.1	12.4	
				8/01/73	129.8	-23.3						1/08/73	91.7	14.3	
				9/01/73	131.8	-25.3						2/19/73	88.6	17.4	
035/12W-06D03 S 19			104.7	10/01/72	125.8	-21.1	1101					3/12/73	88.1	17.9	
				11/01/72	117.8	-13.1						4/02/73	86.7	19.3	
				12/01/72	110.8	-6.1						5/14/73	92.4	13.6	
				1/01/73	108.8	-4.1						6/04/73	94.6	11.4	
				2/01/73	108.4	-3.7						7/14/73	97.5	8.5	
				3/01/73	108.8	-4.1						8/06/73	98.2	7.8	
				4/01/73	115.8	-11.1						9/17/73	95.8	10.2	
				5/01/73	115.8	-11.1		035/12W-09D05 S 19			105.0	10/14/72	102.0(5)	3.0	1101
				6/01/73	127.8	-23.1						11/14/72	102.0(5)	3.0	
				7/01/73	127.8	-23.1						12/14/72	102.0(5)	3.0	
				8/01/73	126.8	-22.1						1/14/73	101.5(5)	3.5	
				9/01/73	123.8	-19.1						2/14/73	92.0(5)	13.0	
035/12W-06F01 S 19			105.4	10/01/72	125.0	-19.6	1101					3/14/73	91.5(5)	13.5	
				11/01/72	121.0	-15.6						4/14/73	91.0(5)	14.0	
				12/01/72	117.0	-11.6						5/14/73	91.0(5)	14.0	
				1/01/73	114.0	-8.6						6/14/73	92.0(5)	13.0	
				2/01/73	115.0	-9.6						7/14/73	92.0(5)	13.0	
				3/01/73	115.0	-9.6									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
03S/12W-09D05 S 19 (CONTINUED)			105.0	8/14/73 9/28/73	92.0(5) 98.0(5)	13.0 7.0	1101	03S/12W-12A02 S 19 (CONTINUED)			116.0	7/14/73 8/14/73 9/14/73	102.3(5) 104.3(5) 106.3(5)	13.7 11.7 9.7	1101
03S/12W-09F03 S 19			99.0	10/31/72 11/29/72 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	84.5(6) 84.5(6) 84.5(6) 86.5(6) 86.5(6) 86.5(5) 83.5(5) 83.5(6)	14.5 14.5 14.5 12.5 12.5 12.5 15.5 15.5	1101	03S/12W-12C10 S 19			116.0	10/01/72 11/01/72 12/01/72 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73	94.0(5) 93.0(5) 90.0(5) 86.0(5) 85.5(5) 85.0(5) 86.0(5) 103.0(5) 103.0(5)	22.0 23.0 26.0 30.0 30.5 31.0 30.0 13.0 13.0	1101
03S/12W-09G01 S			103.0	10/31/72 11/29/72 3/28/73 4/30/73 6/28/73 7/30/73 8/30/73 9/28/73	105.0(6) 105.0(6) 95.0(5) 97.0(5) 101.0(5) 101.0(6) 104.0(6) 104.0(6)	-2.0 -2.0 8.0 6.0 2.0 2.0 -1.0 -1.0	1101	03S/12W-12F03 S 19			113.0	12/12/72 4/09/73	91.0 84.5	22.0 28.5	1101
03S/12W-09G02 S 19			103.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 4/23/73 6/27/73 7/23/73 8/27/73 9/24/73	72.4(2) 72.4(2) 73.3(2) 72.7(2) 72.6(2) 78.4(2) 73.9(2) 80.1(2) 81.4(2) 85.1(2)	30.6 30.6 29.7 30.3 30.4 24.6 29.1 22.9 21.6 17.9	1101	03S/12W-12H04 S			115.0	7/23/73	NM-6		1101
03S/12W-10C02 S 19			107.0	12/12/72 4/09/73	72.0 73.1	35.0 33.9	1101	03S/12W-13A02 S 19			104.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	98.5(5) 98.5(5) 89.5(5) 88.5(5) 86.5(5) 88.5(5) 87.5(5) 95.5(5) 93.5(5) 93.5(5) 97.5(5) 96.5(5)	5.5 5.5 14.5 15.5 17.5 15.5 16.5 8.5 10.5 10.5 6.5 7.5	1101
03S/12W-10C03 S 19			106.0	10/31/72 11/29/72 3/29/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	86.5(6) 86.5(6) 87.5(6) 88.5(6) 88.5(6) 87.5(6) 87.5(6) 87.5(6) 87.5(6)	19.5 19.5 18.5 17.5 17.5 18.5 18.5 18.5 18.5	1101	03S/12W-13R04 S 19			104.0	10/28/72 11/14/72 12/14/72 1/07/73 3/14/73 4/14/73 5/28/73 6/07/73 8/28/73 9/21/73	95.9(5) 100.9(5) 91.9(5) 91.9(5) 87.9(5) 85.9(5) 181.9(1) 98.9(5) 89.9(5) 93.9(5)	10.1 3.1 12.1 12.1 16.1 18.1 -77.9 5.1 14.1 10.1	1101
03S/12W-10K02 S 19			100.0	6/25/73 7/23/73 8/27/73 9/24/73	69.8 70.2 70.8 71.0	30.2 29.8 29.2 29.0	1733	03S/12W-13R06 S 19			104.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	101.5(5) 97.5(5) 92.5(5) 90.5(5) 89.5(5) 88.5(5) 90.5(5) 91.5(5) 95.5(5) 94.5(5) 95.5(5) 94.5(5)	2.5 6.5 11.5 13.5 14.5 15.5 13.5 12.5 8.5 9.5 8.5 9.5	1101
03S/12W-10N03 S 19			94.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	91.5(6) 91.5(6) 91.5(6) 92.5(6) 97.5(6) 97.5(6) 97.5(6) 101.5(5) 101.5(6)	2.5 2.5 2.5 1.5 -3.5 -3.5 -3.5 -7.5 -7.5	1101	03S/12W-13F01 S 19			98.0	10/30/72 3/29/73 4/11/73 5/31/73 6/29/73 7/31/73 8/30/73 9/28/73	116.8(6) 83.8(5) 98.8(5) 92.8(5) 92.8(5) 92.8(6) 92.8(6) 92.8(6)	-18.8 14.2 -0.8 5.2 5.2 5.2 5.2 5.2	1101
03S/12W-11R04 S 19			109.0	12/12/72 4/09/73	88.8(8) 87.5(8)	20.2 21.5	1101	03S/12W-13K03 S 19			89.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	74.5 74.5 70.5 69.5 69.5 69.0 69.5 70.5 70.0 70.0 70.0 68.5	14.5 14.5 18.5 19.5 19.5 20.0 19.5 18.5 19.0 19.0 19.0 20.5	1101
03S/12W-11F01 S 19			107.0	7/30/73 8/31/73 9/28/73	107.3(5) 107.3(6) 107.3(6)	-0.3 -0.3 -0.3	1101	03S/12W-13L01 S 19			92.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	89.0(1) 90.0(1) 84.0(1) 81.0(1) 79.0 79.0 79.0 84.0 83.0 83.0 90.0 90.0	3.0 2.0 8.0 11.0 13.0 13.0 13.0 8.0 9.0 9.0 2.0 2.0	1101
03S/12W-11K06 S 19			105.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	80.5(5) 80.5(5) 64.5(6) 69.5(6) 74.5(6) 74.5(6) 74.5(6) 77.5(5) 74.5(5)	24.5 24.5 40.5 35.5 30.5 30.5 30.5 27.5 30.5	1101	03S/12W-13001 S			89.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73	91.0 83.0 84.0 82.0 82.0 82.0 83.0 85.0 91.0 92.0 91.0	-2.0 6.0 5.0 7.0 7.0 7.0 6.0 4.0 -2.0 -3.0 -2.0	1101
03S/12W-11M11 S 19			103.0	12/12/72 4/09/73	70.0(8) 70.7	33.0 32.3	1101								
03S/12W-11P01 S 19			104.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	68.6 68.8 69.2 69.3 69.4 69.5 70.1 69.8 69.6 69.7 71.3 71.2	35.4 35.2 34.8 34.7 34.6 34.5 33.9 34.2 34.4 34.3 32.7 32.8	1101								
03S/12W-12A02 S 19			116.0	10/28/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/14/73	96.3(5) 97.3(5) 96.3(5) 98.3(5) 93.3(5) 96.3(5) 92.3(5) 94.3(5) 98.3(5)	19.7 18.7 19.7 17.7 22.7 19.7 23.7 21.7 17.7	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
							U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5
03S/12W-13001 S			89.0	9/01/73	91.0	-2.0	1101	03S/12W-17A02 S (CONTINUED)			87.0	8/14/77 9/14/77	109.0(1) 111.0(1)	-22.0 -24.0	1101
03S/12W-14C06 S 19			97.5	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	120.0(6) 120.0(6) 107.0(6) 110.0(6) 117.0(6) 117.0(6) 117.0(6) 118.0(5) 118.0(6)	-22.5 -22.5 -9.5 -12.5 -19.5 -19.5 -19.5 -20.5 -20.5	1101	03S/12W-17K01 S 19			80.3	10/30/77 11/30/77 3/28/77 4/30/77 5/30/77 6/28/77 7/30/77 8/30/77 9/28/77	57.3(5) 57.3(5) 57.3(5) 57.3(6) 57.3(6) 57.3(6) 57.3(6) 57.3(6) 57.3(6)	23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	1101
03S/12W-14F01 S 19			93.0	12/12/72 3/29/73 4/09/73	84.7(8) 102.0(6) 158.7(6)	8.3 -9.0 -65.7	1101	03S/12W-18D05 S 19			82.0	4/13/77	61.6	20.4	1101
03S/12W-14F03 S 19			89.9	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/09/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	67.2 67.1 67.2 67.2 67.1 66.7 66.7 67.0 67.3 68.7 71.8 69.1	22.7 22.8 22.7 22.7 22.8 23.2 23.2 22.9 22.6 21.2 18.1 20.8	1101	03S/12W-18H04 S 19			77.0	10/30/77 11/29/77 3/28/77 4/30/77 5/30/77 6/28/77 7/31/77 8/30/77 9/28/77	59.5(5) 59.5(5) 55.5(5) 55.5(6) 55.5(6) 55.5(6) 60.5(5) 60.5(6) 60.5(6)	17.5 17.5 21.5 21.5 21.5 21.5 16.5 16.5 16.5	1101
03S/12W-14J01 S			89.0	10/30/72 11/29/72 12/12/72 3/29/73 4/09/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	95.0(6) 95.0(6) 83.2(8) 81.0(6) 78.0(5) 91.0(6) 91.0(6) 91.0(6) 90.0(5) 90.0(6)	-6.0 -6.0 5.8 8.0 11.0 -2.0 -2.0 -2.0 -1.0 -1.0	1101	03S/12W-18J02 S 19			77.0	12/13/72 4/11/73	53.2 54.7	23.8 22.3	1101
03S/12W-15A03 S 19			93.0	10/31/72 11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	78.0(5) 77.0(5) 77.0(5) 75.0(5) 77.0(5) 77.0(5) 77.0(5) 84.0(5) 84.0(6)	15.0 16.0 16.0 18.0 16.0 16.0 16.0 9.0 9.0	1101	03S/12W-18L01 S 19			70.0	10/30/77 11/29/77 3/28/77 4/30/77 5/30/77 6/28/77 7/30/77 8/30/77 9/28/77	60.5(6) 58.5(6) 53.5(6) 53.5(6) 53.5(6) 53.5(6) 58.5(5) 58.5(6) 58.5(6)	9.5 11.5 16.5 16.5 16.5 16.5 11.5 11.5 11.5	1101
03S/12W-15N02 S 19			87.0	10/30/72 11/30/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	66.0(5) 66.0(5) 64.0(5) 65.0(5) 67.0(5) 67.0(5) 69.0(5) 71.0(5) 71.0(6)	21.0 21.0 23.0 22.0 20.0 20.0 18.0 16.0 16.0	1101	03S/12W-1800A S 19			74.0	12/13/72 4/11/73	19.9(8) 20.0(8)	54.1 54.0	1101
03S/12W-16F03 S 19			95.0	10/02/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	79.0(5) 79.0(5) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6)	16.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	1101	03S/12W-19C01 S 19			72.0	10/30/77 11/29/77 3/28/77 4/27/77 5/30/77 6/28/77 7/30/77 8/30/77	53.5(5) 51.5(5) 50.5(5) 53.5(5) 53.5(6) 53.5(6) 53.5(6) 53.5(6)	18.5 20.5 21.5 18.5 18.5 18.5 18.5 18.5	1101
03S/12W-16H01 S 19			92.0	11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	98.5(6) 90.5(6) 90.5(6) 94.5(6) 94.5(6) 94.5(6) 92.5(5) 92.5(6)	-6.5 1.5 1.5 -2.5 -2.5 -2.5 -0.5 -0.5	1101	03S/12W-19C03 S 19			72.8	8/30/77 9/28/77	51.6(5) 51.6(6)	21.2 21.2	1101
03S/12W-17A01 S 19			87.0	10/21/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/21/73	58.2(5) 59.2(5) 59.2(5) 58.2(5) 57.2(5) 56.7(5) 59.2(5) 58.2(5) 58.7(5) 60.7(5) 61.2(5) 61.2(5)	28.8 27.8 27.8 28.8 29.8 30.3 27.8 28.8 28.3 26.3 25.8 25.8	1101	03S/12W-19G01 S 19			71.1	10/16/77 11/06/77 12/18/77 1/08/77 2/19/77 3/12/77 4/02/77 5/14/77 6/04/77 7/16/77 8/06/77 9/17/77	51.9 52.0 51.6 51.5 51.2 51.0 50.7 50.6 50.7 51.0 51.2 51.5	19.2 19.1 19.4 19.6 19.4 20.1 20.4 20.4 20.4 20.1 19.9 19.6	17.7
03S/12W-17A02 S			87.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73	134.0(1) 135.0(1) 135.0(1) 135.0(1) 114.0(1) 114.0(1) 109.0(1) 110.0(1) 112.0(1) 108.0(1)	-47.0 -48.0 -48.0 -48.0 -27.0 -27.0 -22.0 -23.0 -25.0 -21.0	1101	03S/12W-19P05 S 19			66.0	10/01/72 11/30/72 12/12/72 1/31/73 2/28/73 3/30/73 4/10/73 5/31/73 6/26/73 7/31/73 8/30/73 9/30/73	104.2(5) 146.2(1) 73.0(8) 87.2(5) 152.2(1) 143.2(1) 95.8 149.2(1) 147.2(1) 129.2(5) 112.2(5) 160.2(1)	-38.2 -80.2 -7.0 -21.2 -86.2 -77.2 -29.8 -83.2 -81.2 -83.2 -66.2 -94.2	1101
								03S/12W-21P01 S 19			86.0	10/30/77 11/29/77 3/30/77 4/30/77 5/30/77 6/28/77 7/30/77 8/29/77 9/28/77	70.0(5) 71.0(5) 70.0(5) 70.0(5) 71.0(5) 71.0(5) 71.0(5) 71.0(5) 71.0(6)	16.0 15.0 16.0 16.0 15.0 15.0 15.0 15.0 15.0	1101
								03S/12W-21F01 S 19			77.0	10/30/77 11/29/77 3/28/77 4/30/77 5/30/77 6/28/77 7/30/77 8/30/77	56.0(5) 57.0(5) 54.0(5) 54.0(5) 59.0(5) 59.0(5) 60.0(5) 62.0(5)	21.0 20.0 23.0 23.0 18.0 18.0 17.0 15.0	1101



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
							U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5
03S/12W-21F01 S 19			77.0	9/28/73	62.0(6)	15.0	1101	03S/12W-23D03 S			84.1	7/18/73	NM-0		1101
03S/12W-21G04 S 19			79.0	12/12/72 5/01/73	58.4 58.1	20.6 20.9	1101	03S/12W-23F03 S 19			82.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	60.5(5) 59.5(5) 59.5(5) 59.5(6) 59.5(6) 59.5(6) 59.5(5) 60.5(5) 60.5(6)	21.5 22.5 22.5 22.5 22.5 22.5 21.5 21.5	1101
03S/12W-21H01 S 19			76.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	55.0(5) 54.0(5) 51.0(5) 51.0(5) 60.0(5) 60.0(5) 56.0(5) 58.0(5) 58.0(6)	21.0 22.0 25.0 25.0 16.0 16.0 20.0 18.0	1101	03S/12W-23F05 S 19			82.5	10/11/72 11/12/72 12/02/72 1/03/73 2/10/73 3/10/73 4/13/73 5/07/73 6/05/73 7/08/73 8/11/73 9/15/73	118.0(1) 69.0(5) 42.0(5) 82.0(5) 118.0(1) 82.0(5) 82.0(5) 82.0(5) 82.0(5) 69.0(5) 82.0(5) 118.0(1)	-35.5 13.5 0.5 0.5 -35.5 0.5 0.5 0.5 0.5 13.5 0.5 -35.5	1101
03S/12W-21001 S 19			70.0	10/09/72 11/20/72 12/11/72 1/01/73 2/12/73 3/05/73 4/16/73 5/07/73 6/18/73 7/09/73 8/20/73 9/10/73	83.9 74.9 73.2 75.5 71.4 72.1 72.2 75.9 82.0 85.8 85.6 82.7	-13.9 -4.9 -3.2 -5.5 -1.4 -2.1 -2.2 -5.9 -12.0 -15.8 -15.6 -12.7	1733	03S/12W-24R01 S 19			87.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	72.5(5) 72.5(5) 72.5(6) 72.5(6) 72.5(6) 72.5(6) 73.5(6) 73.5(6) 73.5(6)	14.5 14.5 14.5 14.5 14.5 14.5 13.5 13.5	1101
03S/12W-21003 S 19			71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	55.0(5) 53.0(5) 55.0(5) 54.0(5) 54.0(5) 51.0(5) 52.0(5) 56.0(5) 57.0(5) 58.0(5) 58.0(5)	16.0 18.0 16.0 17.0 17.0 20.0 19.0 15.0 14.0 13.0	1101	03S/12W-24D01 S			85.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/29/73 9/28/73	93.0(5) 93.0(5) 83.0(5) 86.0(5) 92.0(5) 92.0(5) 92.0(6) 95.0(5) 95.0(6)	-8.0 -8.0 2.0 -7.0 -7.0 -7.0 -10.0 -10.0	1101
03S/12W-22A01 S 19			83.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	89.3(6) 89.3(6) 80.0(5) 81.0(5) 86.0(5) 86.0(5) 86.0(6) 92.0(5) 92.0(6)	-6.3 -6.3 3.0 2.0 -3.0 -3.0 -9.0 -9.0	1101	03S/12W-24F01 S 19			76.0	10/31/72 11/29/72 3/30/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	66.0(5) 66.0(5) 67.0(5) 70.0(5) 70.0(5) 69.0(5) 69.0(5) 71.0(5) 71.0(6)	10.0 10.0 9.0 6.0 6.0 7.0 7.0 5.0 5.0	1101
03S/12W-22F01 S			75.0	10/10/72 11/10/72 12/10/72 1/15/73 2/15/73 3/16/73 4/16/73 5/14/73 6/11/73 7/16/73 8/26/73 9/16/73	83.0(5) 83.0(1) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 93.0(5) 83.0(5) 83.0(5)	-8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -18.0 -8.0 -8.0	1101	03S/12W-24K01 S 19			82.0	10/31/72 11/29/72 3/30/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	71.5(5) 71.5(5) 66.5(5) 66.5(5) 66.5(5) 66.5(6) 66.5(6) 67.5(5) 67.5(6)	10.5 10.5 15.5 13.5 15.5 15.5 15.5 14.5 14.5	1101
03S/12W-22G02 S			81.0	10/30/72 11/30/72 12/11/72 1/15/73 2/10/73 3/14/73 4/15/73 5/15/73 6/14/73 7/16/73 8/25/73 9/25/73	128.0(1) 128.0(1) 128.0(1) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 89.0(5) 128.0(1) 79.0(5) 79.0(5)	-47.0 -47.0 -47.0 2.0 2.0 2.0 2.0 2.0 -8.0 -47.0 2.0 2.0	1101	03S/12W-25C01 S 19			70.5	12/08/72 4/24/73	87.8 84.1	-17.3 -13.6	1101
03S/12W-22G03 S			81.0	12/12/72 7/18/73	NM-0 NM-0		1101	03S/12W-25H01 S 19			68.0	12/08/72 4/24/73	59.5 56.4	8.5 11.6	1101
03S/12W-22H01 S 19			82.0	1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	60.8 60.2 60.1 61.4 61.3 62.5 63.3 64.2 64.3	21.2 21.8 21.9 20.6 20.7 19.5 18.7 17.8 17.7	1733	03S/12W-25J01 S 19			62.0	12/11/72 4/24/73	76.2 82.1	-14.2 -20.1	1101
03S/12W-22P02 S 19			75.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	64.0(5) 60.0(5) 59.0(5) 59.0(5) 57.0(5) 57.0(5) 59.0(5) 62.0(5) 64.0(5) 64.0(5) 66.0(5)	11.0 15.0 16.0 16.0 18.0 18.0 16.0 13.0 11.0 11.0 9.0	1101	03S/12W-25P05 S 19			58.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/07/73	57.0(5) 55.0(5) 53.0(5) 53.0(5) 54.0(5) 52.0(5) 52.0(5) 56.0(5) 57.0(5) 64.0(5) 57.0(5) 58.0(5)	1.0 3.0 5.0 5.0 4.0 6.0 6.0 2.0 1.0 -6.0 1.0 0.0	1101
03S/12W-23D03 S			84.0	12/12/72	NM-0		1101	03S/12W-26C02 S			74.0	10/08/72 11/10/72 12/10/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/11/73 7/15/73 8/30/73 9/22/73	79.0(6) 79.0(6) 79.0(6) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 89.0(1) 89.0(5) 89.0(5)	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -15.0 -15.0 -15.0	1101
								03S/12W-26D03 S 19			73.0	10/10/72 11/08/72	88.8 90.7	-15.8 -17.7	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
03S/12W-26003 S (CONTINUED)			73.0	12/12/72 1/08/73 2/15/73 3/09/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	87.0 84.5 80.4 79.8 79.4 80.9 82.4 88.4 93.1 93.4	-14.0 -11.5 -7.4 -6.8 -6.4 -7.9 -9.4 -15.4 -20.1 -20.4	1101	03S/12W-28H03 S 19 (CONTINUED)			67.0	12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	52.0(5) 52.0(5) 64.0(5) 52.0(5) 53.0(5) 56.0(5) 58.0(5) 58.0(5) 62.0(5)	15.0 15.0 3.0 15.0 14.0 11.0 9.0 9.0 5.0	1101
03S/12W-26J01 S 19			71.4	12/08/72 4/24/73	59.0 59.4	12.4 12.0	1101	03S/12W-28J02 S 19			64.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	44.0(5) 42.0(5) 41.0(5) 41.0(5) 42.0(5) 41.0(5) 42.0(5) 45.0(5) 47.0(5) 47.0(5) 47.0(5)	20.0 22.0 23.0 23.0 22.0 23.0 22.0 19.0 17.0 17.0 17.0	1101
03S/12W-26L03 S			67.0	10/14/72 11/18/72 12/11/72 1/30/73 2/15/73 3/19/73 4/16/73 5/15/73 6/13/73 7/16/73 8/15/73 9/16/73	81.0(5) 81.0(5) 111.0(1) 62.0(5) 111.0(1) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5)	-14.0 -14.0 -44.0 5.0 -44.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	1101	03S/12W-28001 S 19			61.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	54.0(5) 51.0(5) 51.0(5) 51.0(5) 51.0(5) 49.0(5) 51.0(5) 55.0(5) 57.0(5) 57.0(5) 57.0(5)	9.0 12.0 12.0 12.0 12.0 14.0 12.0 8.0 6.0 6.0 6.0	1101
03S/12W-26N02 S 19			63.0	10/10/72 11/05/72 12/11/72 1/15/73 2/17/73 3/15/73 4/16/73 5/14/73 6/11/73 7/15/73 8/12/73 9/14/73	53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 51.0(5) 51.0(5)	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 12.0 12.0	1101	03S/12W-29J01 S 19			63.0	10/09/72 11/20/72 12/11/72 1/01/73 2/12/73 3/05/73 4/16/73 5/07/73 6/18/73 7/09/73 9/10/73	50.5 46.3(4) 45.8 45.9 45.4 44.7 46.1 46.6 49.8 50.1 50.9	12.5 16.7 17.2 17.1 17.6 18.3 16.9 16.4 13.2 12.9 12.1	1733
03S/12W-26N03 S 19			63.0	10/08/72 11/10/72 12/11/72 1/15/73 2/17/73 3/19/73 4/16/73 5/14/73 6/14/73 7/16/73 8/27/73 9/23/73	55.0(5) 55.0(5) 56.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 52.0(5) 55.0(5)	8.0 8.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 11.0 8.0	1101	03S/12W-29H01 S 19			62.5	12/12/72 4/28/73	49.9 48.7	12.6 13.4	1101
								03S/12W-29H02 S 19			61.0	12/12/72 4/26/73	52.8 47.2	10.2 15.4	1101
03S/12W-27C02 S			71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	84.0(5) 78.0(5) 80.0(5) 79.0(5) 75.0(5) 74.0(5) 118.0(1) 85.0(5) 92.0(5) 94.0(5) 85.0(5)	-13.0 -7.0 -9.0 -8.0 -4.0 -3.0 -47.0 -14.0 -21.0 -23.0 -14.0	1101	03S/12W-29H01 S 19			56.0	11/17/72 4/11/73 9/21/73	44.7 42.2 50.2	11.3 13.4 5.4	1101
								03S/12W-30C03 S 19			65.0	10/01/72 11/30/72 12/13/72 1/31/73 2/28/73 3/30/73 4/30/73 5/31/73 6/26/73 7/31/73 8/30/73 9/30/73	164.2(1) 117.2(5) 75.6(8) 92.2(5) 97.2(5) 92.2(5) 91.2(1) 92.2(5) 82.2(5) 122.2(1) 120.2(1) 112.2(5)	-99.2 -52.2 -10.6 -27.2 -32.2 -27.2 -26.2 -27.2 -17.2 -57.2 -55.2 -47.2	1101
03S/12W-27G01 S			71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73	62.0(5) 61.0(5) 60.0(5) 61.0(5) 57.0(5) 58.0(5) 61.0(5) 63.0(5) 64.0(5) 64.0(5)	9.0 10.0 11.0 10.0 14.0 13.0 10.0 8.0 7.0 7.0	1101	03S/12W-30F01 S 19			60.0	12/19/72 4/10/73	49.8 48.8	10.2 11.2	1101
								03S/12W-30G01 S 19			60.0	12/13/72 4/10/73	46.8 44.6	13.2 15.4	1101
03S/12W-27M01 S			66.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	53.0(5) 52.0(5) 50.0(5) 49.0(5) 49.0(5) 48.0(5) 49.0(5) 54.0(5) 55.0(5) 55.0(5) 59.0(5)	13.0 14.0 16.0 17.0 17.0 18.0 17.0 12.0 11.0 11.0 7.0	1101	03S/12W-30K02 S 19			59.0	12/13/72 4/10/73	68.7 67.3	-9.7 -8.3	1101
								03S/12W-31F03 S 19			51.7	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	118.6 110.6 99.8 94.1 91.7 83.6 87.6 95.4 104.5 111.7 112.9 114.7	-66.9 -58.9 -48.1 -42.4 -40.0 -31.9 -35.9 -43.7 -52.8 -60.0 -61.2 -63.0	4206
03S/12W-28H02 S 19			67.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	63.0(5) 54.0(5) 53.0(5) 53.0(5) 65.0(5) 53.0(5) 54.0(5) 57.0(5) 59.0(5) 59.0(5) 63.0(5)	4.0 13.0 14.0 14.0 2.0 14.0 13.0 10.0 8.0 8.0 4.0	1101	03S/12W-32L01 S 19			52.6	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	43.2 42.3 41.9 42.0 42.0 41.3 42.5 43.7 43.6	9.4 10.3 10.7 10.6 10.6 11.3 10.1 8.9 9.0	5061
03S/12W-28H03 S 19			67.0	10/31/72 11/30/72	62.0(5) 53.0(5)	5.0 14.0	1101	03S/12W-32001 S 19			51.6	11/17/72	41.7	9.9	4206

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
							U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5
03S/12W-32001 S 19 (CONTINUED)			51.6	3/14/73 4/11/73	40.1 40.1	11.5 11.5	4206	03S/12W-35002 S 19 (CONTINUED)			61.0	4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	39.8 40.4 41.3 42.1 41.8 42.2	21.2 20.6 19.7 18.9 19.2 18.8	1733
03S/12W-33A06 S 19			63.0	10/03/72 11/02/72 12/06/72 1/15/73 2/07/73 3/16/73 4/17/73 5/11/73 6/14/73 7/13/73 8/15/73 9/16/73	45.6(5) 79.6(5) 72.6(5) 76.6(5) 80.6(5) 78.6(5) 80.6(5) 80.6(5) 80.6(5) 88.6(5) 91.6(5) 85.6(5)	-22.6 -16.6 -9.6 -13.6 -17.6 -15.6 -17.6 -17.6 -17.6 -25.6 -28.6 -22.6	1101	03S/12W-35L02 S 19			56.0	12/12/72 4/25/73	50.5 49.9	5.5 6.1	1101
03S/12W-33F02 S 19			56.0	12/12/72 5/01/73	42.4 40.9	13.6 15.1	1101	03S/12W-36C01 S 19			61.0	12/08/72 4/24/73	39.5 38.7	21.5 22.3	1101
03S/12W-33G02 S 19			60.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 7/01/73 8/01/73 9/30/73	78.4(5) 73.4(5) 74.4(5) 75.4(5) 70.4(5) 69.4(5) 81.4(5) 90.4(5) 90.4(5) 84.4(5)	-18.4 -13.4 -14.4 -15.4 -10.4 -9.4 -21.4 -30.4 -30.4 -24.4	1101	03S/13W-02A02 S 19			106.2	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/12/73 4/11/73 5/07/73 6/01/73 7/03/73 8/08/73 9/05/73	62.6 62.6 62.6 62.5 62.4 62.5 62.6 62.7 62.8 63.0 63.2 63.2	43.6 43.6 43.6 43.7 43.4 43.7 43.6 43.5 43.4 43.2 43.0 43.0	1101
03S/12W-33P01 S 19			48.0	10/11/72 11/02/72 12/22/72 1/15/73 2/12/73 3/20/73 4/18/73 5/19/73 6/08/73 7/13/73 8/16/73 9/16/73	72.5(5) 74.5(5) 58.5(5) 54.5(5) 57.5(5) 55.5(5) 51.5(5) 57.5(5) 69.5(5) 136.5(1) 59.5(5) 74.5(5)	-24.5 -26.5 -10.5 -6.5 -9.5 -7.5 -3.5 -9.5 -21.5 -88.5 -11.5 -26.5	1101	03S/13W-02M01 S 19			98.4	10/11/72 11/08/72 12/12/72 1/08/73 2/12/73 3/09/73 4/11/73 5/08/73 6/01/73 7/03/73 8/08/73 9/05/73	67.3 67.2 67.3 67.0 66.9 66.8 66.9 67.1 67.2 67.4 67.7 67.7	31.1 31.2 31.1 31.4 31.5 31.6 31.5 31.3 31.2 31.0 30.7 30.7	1101
03S/12W-33P04 S			56.0	10/04/72 11/19/72 12/21/72 1/15/73 2/08/73 3/18/73 4/20/73 5/19/73 6/15/73 7/13/73 8/16/73 9/16/73	88.0(5) 89.0(5) 69.0(5) 69.0(5) 75.0(5) 78.0(5) 138.0(1) 17.0(1) 144.0(1) 146.0(1) 149.0(1) 145.0(1)	-32.0 -33.0 -13.0 -13.0 -19.0 -22.0 -82.0 -81.0 -88.0 -90.0 -93.0 -89.0	1101	03S/13W-02001 S 19			97.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	70.0(5) 68.0(5) 69.0(5) 68.0(5) 68.0(5) 68.0(5) 69.0(5) 70.0(5) 70.0(5) 70.0(5) 70.0(5) 70.0(5)	27.0 29.0 28.0 29.0 29.0 28.0 27.0 27.0 27.0 27.0 27.0 27.0	1101
03S/12W-34C01 S			63.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	87.0(5) 83.0(5) 78.0(5) 73.0(5) 76.0(5) 76.0(5) 84.0(5) 93.0(5) 97.0(5) 97.0(5) 94.0(5)	-24.0 -20.0 -15.0 -10.0 -13.0 -13.0 -21.0 -30.0 -34.0 -34.0 -31.0	1101	03S/13W-03F01 S			104.0	12/13/72	NM-A		1101
03S/12W-34D01 S 19			62.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	61.0(5) 62.0(5) 54.0(5) 59.0(5) 54.0(5) 59.0(5) 55.0(5) 61.0(5) 64.0(5) 63.0(5) 60.0(5)	1.0 0.0 8.0 3.0 8.0 3.0 7.0 1.0 -2.0 -1.0 2.0	1101	03S/13W-03P01 S 19			98.5	11/01/72 12/04/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	152.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 152.0(5)	-53.5 -46.5 -46.5 -46.5 -46.5 -46.5 -46.5 -46.5 -46.5 -46.5 -53.5	1101
03S/12W-34001 S 19			62.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	61.0(5) 62.0(5) 54.0(5) 59.0(5) 54.0(5) 59.0(5) 55.0(5) 61.0(5) 64.0(5) 63.0(5) 60.0(5)	1.0 0.0 8.0 3.0 8.0 3.0 7.0 1.0 -2.0 -1.0 2.0	1101	03S/13W-04001 S			115.0	10/08/72 11/12/72 12/17/72 1/14/73 2/18/73 3/25/73 4/15/73 5/13/73 6/17/73 7/15/73 8/17/73 9/15/73	251.0(1) 253.0(1) 253.0(1) 247.0(1) 249.0(1) 251.0(1) 251.0(1) 251.0(1) 255.0(1) 255.0(1) 257.0(1) 259.0(1)	-136.0 -138.0 -138.0 -132.0 -134.0 -136.0 -136.0 -136.0 -140.0 -140.0 -142.0 -144.0	1200
03S/12W-34G01 S 19			62.0	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	86.6 77.7 72.8 73.5 71.5 70.2 72.9 77.5 84.9 89.2 88.5 86.9	-24.6 -15.7 -10.8 -11.5 -9.5 -8.2 -10.9 -15.5 -22.9 -27.2 -26.5 -24.9	1733	03S/13W-04001 S 19			98.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	167.6(5) 167.6(5) 167.6(5) 167.6(5) 162.6(5) 164.6(5) 158.6(5) 202.6(1) 164.6(5) 168.6(5) 179.6(5) 212.6(1)	-69.4 -69.4 -69.4 -69.4 -66.6 -66.6 -60.6 -104.6 -66.6 -70.6 -81.6 -114.6	1101
03S/12W-35C01 S 19			64.0	12/12/72 4/25/73	50.3 50.2	13.7 13.8	1101	03S/13W-05F02 S			114.0	10/06/72 11/03/72 12/15/72 1/14/73 2/18/73 3/18/73 4/15/73 5/13/73 6/17/73 7/15/73	180.0(5) 179.0(5) 178.0(5) 178.0(5) 176.0(5) 176.0(5) 184.0(5) 176.0(5) 322.0(1) 322.0(1)	-66.0 -65.0 -64.0 -64.0 -62.0 -62.0 -70.0 -62.0 -208.0 -208.0	1200
03S/12W-35002 S 19			61.0	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73	42.4 41.5 41.0 40.3 40.3 39.7	18.6 19.5 20.0 20.7 20.7 21.3	1733								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
03S/13W-05F02 S (CONTINUED)			114.0	8/17/73 9/14/73	326.0(1) 326.0(1)	-212.0 -212.0	1200	03S/13W-11K02 S 19 (CONTINUED)			84.4	5/08/73 6/01/73 7/03/73 8/08/73 9/05/73	56.6 56.9 57.3 57.5 57.6	27.8 27.5 27.1 26.9 26.4	1101
03S/13W-06R01 S 19			131.0	10/02/72 11/03/72 12/05/72 1/24/73 2/22/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	193.7 192.8 192.2 191.8 191.4 191.0 190.4 191.3 191.3 192.5 193.1 192.3	-62.7 -61.8 -61.2 -60.8 -60.4 -60.0 -59.4 -60.3 -60.3 -61.5 -62.1 -61.3	1200	03S/13W-12A01 S 03S/13W-12F04 S			94.0 89.0	12/14/72 10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	NM-F 95.0(5) 90.0(5) 90.0(5) 89.0(5) 86.0(5) 87.0(5) 86.0(5) 91.0(5) 94.0(5) 98.0(5) 99.0(5) 103.0(5)	-6.0 -1.0 -1.0 0.0 3.0 2.0 3.4 -2.0 -5.0 -9.0 -10.0 -14.0	1101
03S/13W-09A01 S			93.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	125.0(5) 119.0(5) 124.0(6) 124.0(6) 124.0(6) 124.0(6) 125.0(5) 125.0(6) 125.0(6)	-32.8 -26.0 -31.0 -31.0 -31.0 -31.0 -32.0 -32.0 -32.0	1101	03S/13W-12J01 S 19			85.0	12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/08/73	84.0(5) 100.0(5) 85.0(5) 85.0(5) 85.0(5) 100.0(5) 92.0(5) 96.0(5) 96.0(5)	1.0 -15.0 0.0 0.0 0.0 -15.0 -7.0 -11.0 -11.0	1101
03S/13W-09K01 S 19			90.8	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/29/73 7/30/73 8/30/73	145.1(5) 146.1(5) 141.1(5) 141.1(6) 141.1(6) 141.1(6) 145.1(5) 145.1(6)	-54.3 -55.3 -50.3 -50.3 -50.3 -50.3 -54.3 -54.3	1101	03S/13W-12001 S 19			82.5	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	103.0(5) 98.0(5) 98.0(5) 98.0(5) 95.0(5) 94.0(5) 94.0(5) 99.0(5) 103.0(5) 107.0(5) 111.0(5) 107.0(5)	-20.5 -15.5 -15.5 -15.5 -12.5 -11.5 -11.5 -16.5 -20.5 -24.5 -28.5 -24.5	1101
03S/13W-10G01 S			85.0	10/15/72 11/10/72 12/17/72 1/12/73 2/18/73 3/16/73 4/12/73 5/13/73 6/16/73 7/19/73 8/17/73 9/14/73	143.0(1) 149.0(1) 121.0(5) 121.0(5) 117.0(5) 117.0(5) 117.0(5) 123.0(5) 127.0(5) 145.0(1) 133.0(5) 131.0(5)	-58.0 -64.0 -36.0 -36.0 -32.0 -32.0 -32.0 -38.0 -42.0 -60.0 -48.0 -46.0	1200	03S/13W-13001 S			79.0	10/25/72 11/01/72 12/27/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	104.0(5) 104.0(5) 98.0(5) 99.0(5) 96.0(5) 96.0(5) 95.0(5) 100.0(5) 103.0(5) 105.0(5) 108.0(5) 107.0(5)	-25.8 -25.0 -19.0 -20.0 -17.0 -17.0 -16.0 -21.0 -24.0 -26.0 -29.0 -28.0	1101
03S/13W-10G02 S 19			85.0	10/16/72 11/10/72 12/17/72 1/14/73 2/18/73 3/16/73 4/15/73 5/19/73 6/16/73 7/15/73 8/17/73 9/14/73	144.5(1) 137.5(1) 132.5(1) 131.5(5) 129.5(1) 129.5(1) 129.5(1) 132.5(1) 135.5(1) 123.5(5) 143.5(1) 141.5(1)	-79.5 -52.5 -47.5 -46.5 -44.5 -44.5 -44.5 -47.5 -50.5 -38.5 -58.5 -56.5	1200	03S/13W-13F01 S 19			77.5	4/11/73	55.8	21.7	1101
03S/13W-10L01 S 19			85.0	1/17/73 4/13/73	118.9(8) 116.8(4)	-33.9 -31.8	1101	03S/13W-13F04 S			78.5	10/30/72 11/29/72 3/28/73 4/27/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	103.5(5) 103.5(5) 101.5(5) 108.5(5) 115.5(5) 110.5(5) 116.5(5) 116.5(6) 116.5(6)	-25.0 -25.0 -23.0 -30.0 -37.0 -32.0 -38.0 -38.0 -38.0	1101
03S/13W-10L02 S 19			86.0	4/13/73	120.6	-34.6	1101	03S/13W-13G01 S 19			79.0	10/30/72	70.0(6)	9.0	1101
03S/13W-11A02 S			89.0	12/14/72 4/13/73	109.0 108.8	-20.0 -19.8	1101	03S/13W-13J01 S 19			80.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	64.0(5) 63.0(5) 62.0(5) 61.0(5) 61.0(6) 61.0(6) 65.0(5) 65.0(6) 65.0(6)	16.0 17.0 18.0 19.0 19.0 19.0 15.0 15.0 15.0	1101
03S/13W-11C01 S			88.5	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	108.5(5) 104.5(5) 103.5(5) 105.5(5) 102.5(5) 103.5(5) 99.5(5) 105.5(5) 107.5(5) 112.5(5) 114.5(5) 110.5(5)	-20.0 -16.0 -15.0 -17.0 -14.0 -15.0 -11.0 -17.0 -19.0 -24.0 -26.0 -22.0	1101	03S/13W-13M01 S			76.0	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	105.0(5) 100.0(5) 98.0(5) 97.0(5) 96.0(5) 95.0(5) 97.0(5) 99.0(5) 103.0(5) 104.0(5) 107.0(5) 105.0(5)	-29.0 -24.0 -22.0 -21.0 -20.0 -19.0 -21.0 -23.0 -27.0 -28.0 -31.0 -29.0	1101
03S/13W-11F01 S			85.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	114.0(5) 111.0(5) 112.0(5) 111.0(5) 109.0(5) 109.0(5) 107.0(5) 103.0(5) 114.0(5) 120.0(5) 123.0(5) 120.0(5)	-29.0 -26.0 -27.0 -26.0 -24.0 -24.0 -22.0 -18.0 -29.0 -35.0 -38.0 -35.0	1101	03S/13W-13M02 S			75.6	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73	107.6 102.6 100.6 96.3(5) 94.3(5) 93.6(5) 97.6(5) 99.6(5)	-32.0 -27.0 -25.0 -20.7 -18.7 -18.0 -22.0 -24.0	1101
03S/13W-11K02 S 19			84.4	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/09/73 4/11/73	57.3 56.9 56.9 56.5 56.5 56.4 56.4	27.1 27.5 27.5 27.9 27.9 28.0 28.0	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
03S/13W-13M02 S (CONTINUED)			75.6	6/15/73 7/15/73 8/15/73 9/15/73	103.6(5) 103.6(5) 107.6(5) 106.6(5)	-28.0 -28.0 -32.0 -31.0	U-05 U-05.A U-05.A5	03S/13W-20H07 S 19			108.0	4/04/73	154.6	-46.6	1101
03S/13W-13P01 S 19			78.2	10/30/72 11/29/72 3/28/73 4/27/73 5/30/73 6/28/73 7/30/73 9/28/73	55.4(5) 53.4(5) 55.2(5) 55.2(6) 55.2(6) 55.2(6) 55.2(6) 55.2(6)	22.8 24.8 23.0 23.0 23.0 23.0 23.0 23.0	1101	03S/13W-21A01 S 19			80.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73	125.5(5) 125.5(5) 130.5(5) 126.5(5) 126.5(6) 126.5(6) 126.5(6) 126.5(6)	-45.5 -45.5 -50.5 -46.5 -46.5 -46.5 -46.5	1101
03S/13W-13P02 S 19			76.0	10/30/72 11/29/72 3/28/73 4/13/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	107.5(6) 107.5(6) 113.5(6) 97.5(4) 93.5(6) 93.5(6) 86.5(5) 83.5(5) 83.5(6)	-31.5 -31.5 -37.5 -21.5 -17.5 -17.5 -10.5 -7.5 -7.5	1101	03S/13W-21R01 S 19			85.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73	130.5(5) 129.5(5) 128.5(5) 126.5(5) 126.5(5) 126.5(6) 133.5(5) 133.5(6)	-45.5 -44.5 -43.5 -41.5 -41.5 -41.5 -48.5 -48.5	1101
03S/13W-14M01 S			73.0	12/13/72	103.1	-30.1	1101	03S/13W-21C06 S 19			95.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	160.5(5) 154.5(5) 126.5(5) 148.5(6) 148.5(6) 148.5(6) 148.5(6) 148.5(6) 148.5(6)	-65.5 -59.5 -31.5 -53.5 -53.5 -53.5 -53.5 -53.5	1101
03S/13W-15C02 S 19			79.0	11/30/72 3/30/73	121.5(5) 121.5(5)	-42.5 -42.5	1101	03S/13W-21P01 S 19			91.8	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	157.6 157.6 153.7 151.7 151.1 150.2 152.0 155.5 155.7 155.8 156.7 157.7	-65.8 -65.8 -61.4 -59.4 -59.3 -58.4 -60.2 -63.7 -63.4 -64.0 -64.4 -65.9	1733
03S/13W-15M03 S			80.0	4/11/73	150.0(3)	-70.0	1101	03S/13W-21P03 S			93.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	156.0(5) 154.0(5) 154.0(6) 154.0(6) 154.0(6) 154.0(6) 155.0(5) 155.0(6) 155.0(6)	-63.0 -61.0 -61.0 -61.0 -61.0 -61.0 -62.0 -62.0 -62.0	1101
03S/13W-15M05 S 19			77.0	11/30/72 3/30/73	126.5(5) 120.5(5)	-49.5 -43.5	1101	03S/13W-22H07 S 19			68.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	139.8(5) 125.8(5) 121.3(5) 119.8(5) 116.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5) 122.8(11) 230.8(11)	-71.3 -57.3 -52.4 -51.3 -48.3 -46.3 -46.3 -46.3 -46.3 -46.3 -160.3 -162.3	1101
03S/13W-15P01 S 19			71.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	109.9 102.6 134.2(1) 104.0 120.4(1) 105.0(5) 127.3(1) 129.5(1) 108.0 130.7(1) 130.1(1) 133.1(1)	-38.4 -31.1 -62.7 -32.5 -48.9 -33.5 -55.8 -58.0 -36.5 -59.2 -58.6 -61.6	1101	03S/13W-22P04 S 19			70.1	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	206.7(1) 203.1(1) 203.7(1) 202.1(1) 198.9(1) 201.8(1) 210.1(1) 200.7(1) 203.8(1) 204.0(1) 208.5(1) 205.8(1)	-136.4 -133.6 -133.6 -132.0 -128.8 -131.7 -140.0 -130.6 -133.7 -133.9 -138.4 -135.7	1101
03S/13W-16A01 S			81.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73	143.0(5) 143.0(5) 138.0(5) 138.0(6) 138.0(6) 138.0(6) 147.0(5) 147.0(6)	-62.0 -62.0 -57.0 -57.0 -57.0 -57.0 -66.0 -66.0	1101	03S/13W-23P02 S			66.3	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	59.8 59.7 59.4 59.4 59.0 59.0 59.0 58.8 58.8 58.9 59.0 59.2	6.5 6.6 6.4 6.4 7.3 7.3 7.3 7.5 7.5 7.4 7.3 7.1	1733
03S/13W-16D01 S 19			95.0	4/23/73	144.9	-49.9	1101	03S/13W-24D01 S 19			70.7	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	57.4(5) 57.4(5) 57.4(5) 56.4(5) 56.4(5) 57.4(5) 57.4(5) 57.4(5) 57.4(5) 57.4(5) 56.4(5) 56.4(5)	13.3 13.3 13.3 14.3 14.3 15.3 14.3 14.3 14.3 14.3 14.3	1101
03S/13W-16E01 S 19			93.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	141.0(6) 141.0(6) 142.0(5) 140.0(5) 140.0(5) 140.0(5) 139.0(5) 139.0(5) 138.0(5) 140.0(5) 142.0(5) 181.0(1)	-47.5 -47.5 -48.5 -46.5 -46.5 -46.5 -45.5 -45.5 -44.5 -46.5 -48.5 -87.5	1101	03S/13W-16H02 S 19			82.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/07/73 7/14/73 8/14/73 9/14/73	126.4(5) 125.4(5) 125.4(5) 123.4(5) 123.4(5) 121.4(5) 122.4(5) 122.4(5) 124.4(5) 124.4(5) 125.4(5) 123.4(5)	-44.4 -43.4 -43.4 -41.4 -41.4 -39.4 -40.4 -40.4 -62.4 -62.4 -63.4 -41.4	1101
03S/13W-16M01 S			78.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/28/73 7/30/73 8/31/73	110.0(5) 131.0(5) 120.0(6) 120.0(6) 120.0(6) 120.0(6) 122.0(5) 122.0(6)	-52.0 -53.0 -42.0 -42.0 -42.0 -42.0 -44.0 -44.0	1101	03S/13W-16N06 S 19			107.0	4/18/73	155.3	-48.3	1101
03S/13W-20H06 S 19			106.0	12/19/72 4/04/73	166.1 162.7	-60.1 -56.7	1101	03S/13W-20H07 S			108.0	12/19/72	156.0	-48.0	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
03S/13W-24001 S 19 (CONTINUED)			70.7	8/15/73 9/15/73	56.4(5) 57.4(5)	14.3 13.3	1101	03S/13W-35K03 S 19 (CONTINUED)			44.8	11/30/72 12/26/72 1/30/73 2/25/73 3/25/73 4/28/73 5/30/73 6/27/73 7/31/73 8/29/73 9/30/73	186.4(6) 185.5(6) 185.7(6) 185.0(6) 183.1(6) 183.4(6) 182.6(6) 187.5(6) 179.5(6) 157.5(6) 162.1(6)	-141.6 -140.7 -140.9 -140.2 -138.3 -138.6 -137.8 -122.7 -134.7 -112.7 -117.3	1101
03S/13W-24006 S 19			65.0	12/13/72 4/10/73	58.4 57.9	6.6 7.1	1101								
03S/13W-24007 S 19			65.0	12/13/72 4/10/73	58.8 58.5	6.2 6.5	1101								
03S/13W-25A02 S 19			57.0	12/13/72 4/10/73	48.7 47.7	8.3 9.3	1101								
03S/13W-25004 S 19			64.0	10/30/72	63.0(5)	1.0	1101	03S/13W-35K04 S 19			46.5	12/13/72 4/09/73	68.2 67.3	-21.7 -20.8	1101
03S/13W-25002 S 19			63.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73	132.6(5) 119.6(5) 83.6(6) 83.6(6) 83.6(6) 83.6(6)	-69.6 -56.6 -20.6 -20.6 -20.6 -20.6	1101	03S/13W-35001 S 19			47.0	4/05/73	161.9	-114.9	5050
03S/13W-25002 S 19			57.1	12/13/72 4/10/73	90.2 86.2	-33.1 -29.1	1101	03S/13W-35003 S 19			47.0	4/05/73	NM-1		5050
03S/13W-26001 S 19			62.6	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	184.0(1) 132.0(5) 122.0(5) 122.0(5) 119.0(5) 118.0(5) 117.0(5) 123.0(5) 126.0(5) 125.5(5) 127.0(5) 181.0(1)	-121.4 -69.4 -59.4 -59.4 -56.4 -55.4 -54.4 -60.4 -63.4 -62.9 -64.4 -118.4	1101	03S/14W-01F01 S 19			227.8	12/12/72 4/11/73	281.8 241.8(3)	-54.0 -14.0	1101
03S/13W-26F01 S 19			61.0	4/05/73	108.3	-47.3	5050	03S/14W-01F03 S 19			227.0	12/12/72 4/13/73	280.4 278.6	-53.4 -51.6	1101
03S/13W-26J03 S 19			59.3	10/13/72 11/29/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/30/73 6/22/73 7/13/73 8/24/73 9/21/73	61.2 61.1 61.0 62.8 60.8 61.5 60.2 123.9 60.2 62.1 60.2 62.0	-1.9 -1.8 -1.7 -3.5 -1.5 -2.2 -0.9 -64.6 -0.9 -2.8 -0.9 -2.7	4206	04S/11W-06001 S 19			41.5	12/11/72 4/25/73	43.9 45.9	-2.4 -4.4	1101
03S/13W-26M01 S 19			61.0	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	153.3(5) 152.3(5) 150.3(5) 152.3(5) 149.3(5) 147.3(5) 146.3(5) 147.3(5) 148.3(5) 145.3(5) 146.3(5) 149.3(5)	-92.3 -91.3 -89.3 -91.3 -88.3 -86.3 -85.3 -86.3 -87.3 -84.3 -85.3 -88.3	1101	04S/11W-07A01 S 19			44.5	12/11/72 4/25/73	55.2 55.1	-10.7 -10.6	1101
03S/13W-27F02 S 19			89.3	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/09/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	162.0(5) 160.0(5) 161.5(5) 154.6(5) 156.0(5) 156.0 157.0(5) 158.5(5) 158.0(5) 159.0(5) 159.5(5) 162.0(5)	-72.7 -70.7 -72.2 -65.3 -66.7 -66.7 -67.7 -69.2 -68.7 -69.7 -70.2 -72.7	5050 1101	04S/11W-07H01 S 19			38.0	12/11/72 4/25/73	43.8 47.7	-5.8 -9.7	1101
03S/13W-27G01 S 19			68.2	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	147.0(5) 141.0(5) 142.0(5) 139.0(5) 139.0(5) 138.0(5) 139.0(5) 141.0(5) 139.1(5) 143.0(5) 143.0(5) 145.0(5)	-78.8 -72.8 -73.8 -70.8 -70.8 -69.8 -70.8 -72.8 -70.9 -74.8 -74.8 -76.8	1101	04S/11W-07H02 S 19			38.5	10/14/72 11/21/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/07/73 7/14/73 8/14/73 9/21/73	38.7(5) 36.7(5) 57.7(5) 63.7(5) 54.7(5) 72.7(5) 70.7(5) 60.7(5) 60.7(5) 86.7(5) 83.7(5) 76.7(5)	-0.2 1.8 -19.2 -25.2 -16.2 -34.2 -32.2 -22.2 -42.2 -48.2 -45.2 -38.2	1101
03S/13W-28G04 S 19			96.0	12/18/72 4/04/73	156.7 155.0	-60.7 -59.0	1101	04S/11W-07H03 S 19			35.0	12/11/72 4/25/73	10.0 6.3	25.0 28.7	1101
03S/13W-33B01 S 19			156.8	4/05/73	226.8	-70.0	5050	04S/11W-07L01 S 19			33.5	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/07/73 7/14/73 8/14/73 9/21/73	55.5(5) 51.5(5) 43.5(5) 39.5(5) 40.5(5) 40.5(5) 43.5(5) 45.5(5) 52.5(5) 92.5(1) 49.5(5) 48.5(5)	-22.0 -18.0 -10.0 -6.0 -7.0 -7.0 -10.0 -12.0 -19.0 -59.0 -16.0 -15.0	1101
03S/13W-34M01 S 19			132.0	12/13/72 4/09/73	226.9(2) 219.3	-94.9 -87.3	1101	04S/11W-07L02 S 19			33.5	12/11/72 4/25/73	49.4 50.4	-15.4 -16.4	1101
03S/13W-35A05 S 19			27.3	12/18/72 4/03/73	57.6 57.2	-30.3 -29.9	1101	04S/11W-07N01 S 19			31.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	61.0(5) 61.0(5) 51.0(5) 51.0(6) 64.0(5) 64.0(6) 64.0(6) 94.0(5) 94.0(6)	-30.0 -30.0 -20.0 -20.0 -33.0 -33.0 -33.0 -63.0 -63.0	1101
03S/13W-35K03 S 19			44.8	10/26/72	187.8(6)	-143.0	1101	04S/11W-07P02 S 19			33.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	50.0(5) 50.0(5) 36.0(5) 36.0(6) 45.0(5) 45.0(6) 45.0(6) 45.0(6) 45.0(6)	-17.0 -17.0 -3.0 -3.0 -12.0 -12.0 -12.0 -12.0 -12.0	1101
								04S/11W-18A01 S 19			33.0	12/11/72 4/25/73	38.4 43.1	-5.4 -10.1	1101
								04S/11W-18F01 S 19			28.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/21/73	48.0(5) 43.0(5) 40.0(5) 36.0(5) 33.0(5) 36.0(5) 31.0(5) 39.0(5) 38.0(5) 46.0(5) 43.0(5) 42.0(5)	-20.0 -15.0 -12.0 -8.0 -8.0 -8.0 -11.0 -10.0 -18.0 -15.0 -14.0	1101
								04S/11W-18J01 S 19			31.0	10/14/72	48.5(5)	-17.5	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
04S/11W-18J01 S 19 (CONTINUED)			31.0	11/21/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	43.5(5) 34.5(5) 38.5(5) 39.5(5) 31.5(5) 31.5(5) 38.5(5) 46.5(5) 48.5(5) 46.5(5) 46.5(5)	-12.5 -3.5 -7.5 -8.5 -0.5 -0.5 -7.5 -15.5 -17.5 -15.5 -15.5	1101	04S/12W-06J02 S 19 (CONTINUED)			45.9	3/21/73 4/18/73 5/16/73 6/06/73 7/03/73 8/07/73 9/04/73	79.2 84.1 96.2 199.2(1) 196.0(1) 115.9 117.4	-33.3 -38.2 -50.3 -153.3 -150.1 -70.0 -71.5	1101
04S/11W-18J05 S 19			28.1	10/11/72 11/08/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	68.9 62.3 55.9 48.8 49.7 56.2 60.3 62.2 70.3 65.1 64.1	-40.8 -34.2 -27.8 -20.7 -21.6 -28.1 -32.2 -34.1 -42.2 -37.0 -36.0	1101	04S/12W-06K01 S 19			47.7	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/03/73 8/07/73 9/18/73	106.0 105.0 85.6 82.3 75.2 72.2 78.2 89.0 104.8 112.4 111.3 111.0	-58.3 -57.3 -37.9 -34.6 -27.5 -24.5 -30.5 -41.3 -57.1 -64.7 -63.6 -63.3	1101
04S/11W-18P01 S			26.4	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/09/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	59.4 50.6 48.3 44.3 45.9 44.8 53.6 56.2 60.8 60.1 59.5 54.0	-33.0 -24.2 -21.9 -17.9 -19.5 -18.4 -27.2 -29.8 -34.4 -33.7 -33.1 -27.6	4206	04S/12W-06K02 S			47.1	10/17/72 11/14/72 12/05/72 1/03/73 2/21/73 3/07/73 4/04/73 5/02/73 6/06/73 7/03/73 8/07/73 9/18/73	114.1 171.9(1) 169.8(1) 167.5(1) 84.1 81.8 162.9(1) 169.3(1) 173.7(1) 167.1(1) 181.1(1) 183.4(1)	-67.0 -124.4 -122.7 -120.4 -37.0 -34.7 -115.8 -122.2 -126.6 -120.0 -134.0 -136.3	1101
04S/12W-03D01 S 19			54.0	10/02/72 11/02/72	101.2(5) 81.2(5)	-47.2 -27.2	1101	04S/12W-06K04 S 19			46.6	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/03/73 8/07/73 9/18/73	115.0 105.3 114.2 88.5 81.7 75.3 88.2 99.3 111.7 116.5 117.4 115.3	-68.4 -58.7 -67.6 -41.9 -35.1 -28.7 -41.6 -52.7 -65.1 -64.9 -70.4 -68.7	1101
04S/12W-03F01 S 19			53.0	10/02/72 11/02/72 12/22/72 1/15/73 2/13/73 3/17/73 4/18/73 5/19/73 6/15/73 7/12/73 8/16/73 9/16/73	90.5(5) 80.5(5) 70.5(5) 74.5(5) 74.5(5) 70.5(5) 77.5(5) 82.5(5) 85.5(5) 90.5(5) 87.5(5) 90.5(5)	-37.5 -27.5 -17.5 -21.5 -21.5 -17.5 -24.5 -29.5 -32.5 -37.5 -34.5 -37.5	1101	04S/12W-08N02 S 19			62.0	12/12/72 4/25/73	106.7 105.1	-44.7 -43.1	1101
04S/12W-03H01 S			55.0	10/02/72 11/02/72 12/09/72 1/18/73 2/15/73 3/15/73 4/21/73 5/06/73 6/12/73 7/15/73 8/17/73 9/12/73	84.0(5) 84.0(5) 60.0(5) 69.0(5) 65.0(5) 63.0(5) 74.0(5) 77.0(5) 77.0(5) 136.0(1) 61.0(5) 85.0(5)	-29.0 -29.0 -5.0 -14.0 -10.0 -8.0 -19.0 -22.0 -22.0 -81.0 -6.0 -30.0	1101	04S/12W-08N02 S 19			70.0	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 9/05/73	139.5 123.8 110.3 111.0 107.2 93.2 105.3 117.9 124.1 132.8 133.2	-69.5 -53.8 -40.3 -41.0 -37.2 -23.7 -35.7 -47.9 -54.1 -62.8 -63.2	1734
04S/12W-04J03 S			53.0	10/02/72 11/10/72 12/22/72 1/15/73 2/13/73 3/18/73 4/18/73 5/20/73 6/15/73 7/15/73 8/16/73 9/16/73	84.0(5) 72.0(5) 56.0(5) 59.0(5) 61.0(5) 63.0(5) 57.0(5) 64.0(5) 72.0(5) 76.0(5) 76.0(5) 75.0(5)	-31.0 -10.0 -3.0 -6.0 -8.0 -10.0 -4.0 -11.0 -19.0 -23.0 -23.0 -22.0	1101	04S/12W-08P01 S			58.0	10/13/72 11/24/72 12/22/72 1/19/73 2/16/73 3/16/73 4/13/73 5/11/73 6/15/73 7/14/73 8/11/73 9/21/73	121.0(5) 108.0(5) 88.0(5) 100.0(5) 98.0(5) 96.0(5) 88.0(5) 92.0(5) 126.0(1) 137.0(1) 117.0(5) 116.0(5)	-63.0 -50.0 -30.0 -42.0 -40.0 -38.0 -30.0 -34.0 -68.0 -79.0 -59.0 -58.0	1101
04S/12W-05H01 S 19			50.0	12/11/72 4/25/73	45.9 42.9	4.1 7.1	1101	04S/12W-10G01 S			47.0	10/05/72 11/03/72 12/03/72 1/13/73 2/18/73 3/15/73 4/14/73 5/12/73 6/15/73 7/14/73 8/17/73 9/15/73	108.0(5) 104.0(5) 96.0(5) 97.0(5) 99.0(5) 99.0(5) 101.0(5) 106.0(5) 113.0(5) 110.0(5) 56.0(5) 105.0(5)	-61.0 -57.0 -49.0 -50.0 -52.0 -52.0 -54.0 -59.0 -66.0 -63.0 -9.0 -58.0	1101
04S/12W-05H02 S 19			50.0	11/17/72 4/05/73	42.3 40.8	7.7 9.2	4206	04S/12W-10H01 S			46.0	10/02/72 11/02/72 12/04/72 1/25/73 2/07/73 3/15/73 4/18/73 5/19/73 6/13/73 7/12/73 8/17/73 9/16/73	135.0(1) 123.0(1) 119.0(1) 113.0(1) 114.0(1) 122.0(1) 134.0(1) 138.0(1) 142.0(1) 143.0(1) 60.0(5) 144.0(1)	-89.0 -77.0 -73.0 -67.0 -68.0 -76.0 -88.0 -92.0 -96.0 -97.0 -14.0 -98.0	1101
04S/12W-06J01 S			47.0	11/21/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/02/73 6/27/73 7/03/73 8/07/73 9/18/73	152.0(1) 87.6 82.7 74.0 70.8 96.1 151.6(1) 109.8 167.4(1) 186.0(1) 177.3(1)	-105.0 -40.6 -35.7 -27.0 -23.8 -49.1 -104.6 -62.8 -120.4 -139.0 -130.3	1101	04S/12W-10H03 S 19			46.5	10/02/72	104.0(5)	-57.5	1101
04S/12W-06J02 S 19			45.9	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73	111.5 101.0 94.7 85.8 80.1	-65.6 -55.1 -48.8 -39.9 -34.2	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
04S/12W-10H03 S 19 (CONTINUED)			46.5	11/02/72 12/06/72 1/16/73 2/15/73 3/15/73 4/16/73 5/14/73 6/13/73 7/12/73 8/18/73 9/16/73	92.0(5) 86.0(5) 87.0(5) 75.0(5) 79.0(5) 80.0(5) 90.0(5) 95.0(5) 100.0(5) 104.0(5) 98.0(5)	-45.5 -39.5 -40.5 -28.5 -32.5 -33.5 -43.5 -48.5 -53.5 -57.5 -51.5	1101	04S/12W-13D03 S 19 (CONTINUED)			36.0	12/05/72 1/17/73 2/14/73 3/21/73 4/14/73 5/16/73 6/13/73 7/11/73 8/07/73 9/18/73	76.6 64.0 70.8 76.5 82.5 82.3 85.1 88.9 88.8 175.9(1)	-40.6 -28.0 -34.8 -40.5 -46.5 -46.3 -49.1 -52.9 -52.8 -139.9	1101
04S/12W-10J02 S 19			45.5	10/07/72 11/02/72 12/06/72 1/15/73 2/15/73 3/11/73 4/01/73 5/13/73 6/10/73 7/15/73 8/11/73 9/16/73	119.0(5) 100.0(5) 90.0(5) 100.0(5) 86.0(5) 87.0(5) 91.0(5) 78.0(5) 80.0(5) 111.0(5) 106.0(5) 83.0(5)	-73.5 -54.5 -44.5 -54.5 -40.5 -41.5 -45.5 -32.5 -34.5 -65.5 -60.5 -37.5	1101	04S/12W-13G01 S 19			35.0	10/13/72 11/27/72 12/21/72 1/30/73 2/09/73 3/30/73 4/19/73 5/11/73 6/27/73 7/13/73 8/24/73 9/21/73	87.4 75.4 72.6 61.7 64.5 70.8 80.7 80.4 89.7 85.0 79.6 71.2	-52.4 -40.4 -37.6 -26.7 -29.5 -35.8 -45.7 -45.4 -54.7 -50.0 -44.6 -36.2	4206
04S/12W-11R03 S			42.0	10/05/72 11/04/72 12/06/72 1/14/73 2/19/73 3/19/73 4/13/73 5/14/73 6/15/73 7/14/73 8/18/73 9/16/73	97.0(5) 89.0(5) 82.0(5) 85.0(5) 77.0(5) 81.0(5) 84.0(5) 89.0(5) 95.0(5) 99.0(5) 100.0(5) 99.0(5)	-55.0 -47.0 -40.0 -43.0 -35.0 -39.0 -42.0 -47.0 -53.0 -57.0 -58.0 -57.0	1101	04S/12W-13J02 S 19			28.0	10/13/72 11/27/72 12/21/72 1/30/73 2/09/73 3/30/73 4/19/73 5/11/73 6/27/73 7/13/73 8/24/73 9/21/73	63.3 55.5 52.8 44.5 48.8 49.6 58.7 59.6 65.5 64.0 64.6 54.3	-35.7 -27.7 -24.8 -16.5 -20.8 -21.6 -30.7 -31.6 -37.5 -36.0 -36.6 -26.3	4206
04S/12W-12D03 S 19			46.3	10/11/72 11/09/72 12/12/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	57.5 58.1 58.3 58.4 58.4 58.4 58.5 58.5 58.8 59.1 60.1 60.1	-11.2 -11.8 -12.0 -12.1 -12.1 -12.1 -12.2 -12.2 -12.5 -12.8 -13.8 -13.8	1101	04S/12W-13N01 S 19			28.5	11/17/72 9/26/73	75.3 79.0	-46.8 -50.5	1101
04S/12W-12J01 S 19			40.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	64.8(5) 64.8(5) 55.8(5) 52.8(5) 51.8(5) 56.8(5) 57.8(5) 63.8(5) 70.8(5) 74.8(5) 68.8(5) 70.8(5)	-24.8 -24.8 -15.8 -12.8 -11.8 -16.8 -17.8 -23.8 -30.8 -34.8 -28.8 -30.8	1101	04S/12W-13N02 S 19			29.0	10/18/72 11/15/72 12/06/72 1/10/73 8/09/73 9/12/73	169.9(1) 168.7(1) 167.4(1) 154.6(1) 165.3(1) 170.4(1)	-140.9 -139.7 -138.4 -125.6 -136.3 -141.4	1101
04S/12W-13C01 S 19			33.5	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/04/73 5/02/73 6/27/73 7/11/73 8/07/73 9/18/73	136.3(1) 82.8 77.4 69.7 73.7 74.2 72.1 134.9(1) 138.5(1) 142.5(1) 142.4(1) 138.9(1)	-102.8 -49.3 -43.9 -36.2 -40.2 -40.7 -38.6 -101.4 -105.0 -109.0 -108.9 -105.4	1101	04S/12W-13P01 S 19			37.3	4/19/73	82.1	-44.8	1101
04S/12W-13C02 S 19			36.5	11/28/72 3/28/73 4/11/73 9/21/73	80.8 84.8 84.8 74.4	-44.3 -48.3 -48.3 -37.9	1101	04S/12W-14A02 S 19			36.0	10/18/72 11/15/72 12/05/72 1/03/73 2/14/73 3/14/73 4/04/73 5/02/73 6/06/73 7/11/73 8/07/73 9/18/73	163.7(1) 156.5(1) 154.3 88.5 151.5(1) 151.1(1) 152.4(1) 160.0(1) 162.1(1) 168.1(1) 167.4(1) 163.9(1)	-127.7 -120.5 -118.3 -52.5 -115.5 -115.1 -116.4 -124.0 -126.1 -132.1 -131.4 -127.9	1101
04S/12W-13C03 S			33.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/14/73 4/04/73 5/02/73 6/06/73 7/04/73 8/14/73 9/18/73	225.0(1) 211.6(1) 207.6(1) 62.6 73.3 62.3 180.3(1) 200.1(1) 212.3(1) 220.4(1) 86.6 79.8	-192.0 -178.6 -174.6 -29.6 -40.3 -29.3 -147.3 -167.1 -179.3 -187.4 -53.6 -46.8	1101	04S/12W-14A03 S 19			34.4	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	45.9 41.4 39.9 40.5 38.7 38.3 39.4 40.9 44.0 45.2 41.0 43.2	-11.5 -7.0 -5.5 -6.1 -4.3 -3.9 -5.0 -6.5 -9.4 -10.8 -6.6 -8.8	4206
04S/12W-13D01 S 19			36.1	11/17/72 4/04/73 8/03/73 9/21/73	78.8 79.8 49.5 80.9(6)	-42.7 -43.7 -13.4 -44.8	1101	04S/12W-14R01 S 19			39.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	108.7 107.7 94.4 79.2 91.8 88.1 98.7 101.1 104.7 109.2 113.5 103.4	-69.7 -68.7 -55.4 -40.2 -52.8 -49.1 -59.7 -62.1 -67.7 -70.2 -74.5 -64.4	1101
04S/12W-13D03 S 19			36.0	10/17/72 11/14/72	86.2 80.7	-50.2 -44.7	1101	04S/12W-14C01 S 19			44.5	11/17/72 4/11/73 8/07/73 9/18/73	95.3 90.0 167.0(1) 163.5(1)	-50.8 -45.5 -122.5 -119.0	1101
								04S/12W-14C06 S 19			36.2	10/18/72 11/15/72 12/05/72 1/17/73 2/14/73 3/28/73 4/04/73 5/16/73 6/06/73	175.8(1) 173.8(1) 172.0(1) 74.7 79.2 80.7 168.1(1) 173.5(1) 173.1(1)	-139.6 -137.6 -135.8 -38.5 -43.0 -44.5 -131.9 -137.3 -136.9	1101



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
04S/12W-14C06 S 19 (CONTINUED)			36.2	7/04/73 8/07/73 9/18/73	177.4(1) 178.4(1) 178.2(1)	-141.2 -142.2 -142.0	1101	04S/12W-17N02 S 19 (CONTINUED)			56.0	4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	96.3 115.5 129.5 132.6 134.9 131.3	-40.3 -59.5 -73.5 -76.6 -78.9 -75.3	1101
04S/12W-14D01 S 19			46.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	86.1 78.9 75.1 67.9 67.1 60.8 62.0 65.6 71.4 76.5 90.7 98.5	-40.1 -32.9 -29.1 -21.9 -21.1 -14.8 -16.0 -19.6 -25.4 -30.5 -44.7 -52.5	1101	04S/12W-17P04 S 19			46.0	10/17/72 11/14/72 12/19/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 7/10/73 8/14/73 9/18/73	166.3(1) 100.3 89.4 84.6 80.3 80.2 86.0 149.0(1) 167.6(1) 125.9 185.2(1)	-120.3 -54.3 -43.4 -38.6 -34.3 -34.2 -40.0 -103.0 -121.6 -79.9 -139.2	1101
04S/12W-14K01 S 19			29.7	10/18/72 11/01/72 1/30/73 2/28/73 3/21/73 4/04/73 5/02/73 6/20/73 8/01/73 9/19/73	64.1 64.3 73.1 71.6 68.1 73.1 81.4 82.9 93.3(6) 85.5	-34.4 -34.6 -43.4 -41.9 -38.4 -43.4 -51.7 -53.2 -63.6 -55.8	1101	04S/12W-17Q01 S 19			47.2	10/17/72 11/14/72 12/19/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 6/12/73 7/03/73 8/14/73 9/15/73	123.9 100.7 90.0 85.9 89.3 81.2 88.2 103.2 118.4 174.4(1) 125.9 124.6	-76.7 -53.5 -42.3 -38.7 -42.1 -34.0 -41.0 -56.0 -71.2 -127.2 -78.7 -77.4	1101
04S/12W-15R01 S 19			40.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	87.4 78.6 73.5 66.1 61.1 58.7 60.5 66.1 73.9 80.5 88.4 93.0	-47.4 -38.6 -33.5 -26.1 -21.1 -18.7 -20.5 -26.1 -33.9 -40.5 -48.4 -53.0	1101	04S/12W-18R01 S 19			63.0	10/17/72 11/14/72 12/05/72 1/10/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	139.8 118.3 111.8 104.8 99.8 100.2 106.4 118.5 135.8 137.3 139.6 137.0	-76.8 -55.1 -48.8 -41.8 -36.4 -37.2 -43.4 -55.5 -72.8 -74.7 -76.6 -74.0	1101
04S/12W-15R02 S 19			40.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73	56.4 53.1 52.8 51.8 51.5 51.6	-16.4 -13.1 -12.8 -11.8 -11.5 -11.6	4206	04S/12W-20G01 S 19			34.1	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 6/19/73 7/10/73 8/07/73 9/18/73	119.9 98.7 92.5 84.0 79.3 81.0 87.0 100.4 118.0 121.7 124.0 122.3	-85.8 -64.6 -58.4 -69.9 -65.2 -66.4 -52.9 -66.3 -83.9 -87.4 -89.9 -88.2	1101
04S/12W-15C01 S 19			40.0	12/11/72 4/25/73	19.6 19.2(3)	20.4 20.8	1101	04S/12W-21J01 S 19			25.2	12/11/72 4/25/73	30.4 29.7	-5.2 -4.5	1101
04S/12W-15K03 S 19			37.0	11/17/72 9/26/73	80.3 83.5	-43.3 -46.5	1101	04S/12W-21J04 S			36.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	94.7 81.6 76.6 68.6 63.3 62.7 67.7 76.3 88.6 94.1 98.8 98.2	-58.0 -44.9 -39.9 -31.9 -26.4 -26.0 -31.0 -39.4 -51.9 -57.4 -62.1 -61.5	1101
04S/12W-16J02 S 19			35.0	12/11/72 4/25/73	31.7 35.6	3.3 -0.6	1101	04S/12W-21M05 S 19			36.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	107.9 88.9 83.2 75.4 72.7 72.4 79.6 90.8 106.4 109.5 112.4 110.2	-71.2 -52.2 -46.5 -38.7 -36.0 -35.7 -42.9 -54.1 -69.7 -72.8 -75.7 -73.5	1101
04S/12W-16R01 S 19			31.9	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/02/73 6/06/73 7/04/73 8/08/73 9/12/73	85.1 79.8 141.4(1) 67.7 66.7 65.7 70.5 138.7(1) 145.5(1) 150.6(1) 153.1(1) 153.3(1)	-53.2 -47.9 -109.5 -35.8 -34.8 -33.8 -38.6 -106.8 -113.6 -118.7 -121.2 -121.4	1101	04S/12W-22J03 S 19			24.0	12/11/72 4/25/73	29.8 29.3	-5.8 -5.3	1101
04S/12W-17F01 S 19			66.0	10/17/72 11/07/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	128.1 119.7 107.8 100.1 93.9 91.7 98.3 107.1 120.3 127.5 125.3 130.8	-62.1 -53.7 -41.8 -34.1 -27.9 -25.7 -32.3 -41.1 -54.3 -62.4 -60.2 -65.7	1101	04S/12W-22L01 S 19			22.8	11/17/72 4/02/73	58.6 53.4	-35.8 -30.6	4206
04S/12W-17N01 S 19			57.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	136.5 113.2 105.4 97.3 92.5 93.0 99.7 113.5 141.0 145.5 136.7 133.5	-79.5 -56.2 -48.4 -40.3 -35.5 -36.0 -42.7 -56.5 -84.0 -88.5 -79.7 -76.5	1101	04S/12W-22M01 S 19			25.0	10/04/72 11/15/72 12/06/72 1/17/73 2/07/73 3/21/73 4/11/73 5/02/73 6/13/73	76.3 72.4 66.9 59.4 61.7 60.3 65.4 67.2 71.7	-51.3 -47.4 -41.9 -34.4 -36.7 -35.3 -40.4 -42.2 -46.7	1733
04S/12W-17N02 S 19			56.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73	134.2 109.2 103.2 94.9 90.0 90.2	-78.2 -53.2 -47.2 -38.9 -34.0 -34.2	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
04S/12W-22M01 S 19 (CONTINUED)			25.0	7/04/73 8/15/73 9/05/73	73.7 73.8 72.0	-48.7 -48.8 -47.0	1733	04S/12W-28M01 S 19 (CONTINUED)			23.4	5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	52.2 60.5 66.3 72.1 76.4	-28.8 -37.1 -42.9 -48.7 -53.0	1101
04S/12W-23K02 S 19			17.9	11/17/72 9/26/73	48.5 60.3	-30.6 -42.4	1101	04S/12W-28M06 S 19			22.7	10/18/72 11/15/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	74.6 63.5 53.8 49.9 45.1 42.6 45.6 51.9 60.3 66.0 71.8 75.1	-51.9 -40.8 -35.1 -27.2 -22.4 -19.9 -22.9 -25.2 -37.6 -43.3 -49.1 -52.4	1101
04S/12W-23K03 S 19			19.6	10/18/72 11/15/72 12/06/72 1/17/73 2/28/73 3/21/73 4/11/73 5/30/73 6/06/73 7/04/73 8/01/73 9/12/73	82.1 85.0(1) 65.3 53.9 60.5 58.2 63.1 77.6(1) 89.1(1) 93.4(1) 95.3(1) 94.8(1)	-62.5 -65.4 -45.7 -34.3 -40.9 -38.6 -43.5 -58.0 -69.5 -73.8 -75.7 -75.2	1101	04S/12W-24M04 S 19			24.0	12/11/72 4/25/73	28.0(6) 62.1(2)	-4.0 -38.1	1101
04S/12W-24J01 S			24.0	12/11/72 4/25/73	28.0(6) 62.1(2)	-4.0 -38.1	1101	04S/12W-28M09 S 19			21.4	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	90.6 82.2 67.7 61.6 60.2 55.2 59.3 70.9 81.2 89.7 92.5 91.1	-69.2 -60.8 -46.1 -40.2 -38.8 -33.8 -37.9 -49.5 -59.8 -68.1 -71.1 -69.7	4206
04S/12W-24M02 S 19			22.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/01/73 9/05/73	90.6 70.9 64.8 59.5 67.4 64.6 68.0 75.4 82.8 85.9 87.4 87.8	-68.6 -48.9 -42.8 -37.5 -45.4 -42.6 -46.0 -53.4 -60.8 -63.9 -65.4 -65.8	1101	04S/12W-34M02 S 19			12.5	12/15/72 5/01/73	45.2 45.7	-32.7 -33.2	1101
04S/12W-24M04 S 19			22.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/01/73 9/05/73	85.1 71.4 64.9 56.9 63.8 60.6 67.7 73.9 80.3 83.7 85.1 84.5	-62.4 -48.7 -42.2 -34.2 -41.1 -37.9 -45.0 -51.2 -57.6 -61.0 -62.4 -61.8	1101	04S/12W-34M03 S 19			12.5	12/15/72 5/01/73	45.0 48.6	-32.5 -36.1	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-34M04 S 19			79.4	4/24/73	110.2	-30.8	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-35A01 S 19			11.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	34.1 27.7 29.2 27.7 30.3 31.2 33.2 33.1	-23.1 -16.7 -18.2 -16.7 -19.3 -20.2 -22.2 -22.1	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-35A04 S 19			12.5	4/25/73	18.6	-6.1	1101
04S/12W-24M01 S 19			24.0	4/19/73	60.7	-36.7	1101	04S/12W-35C01 S 19			10.6	11/17/72 4/02/73	48.8 41.5	-38.2 -30.4	4206
04S/12W-25E01 S 19			15.7	10/18/72 11/16/72 12/20/72 1/23/73 4/04/73 5/30/73 6/06/73 8/15/73 9/09/73	51.0 43.4 37.5 32.4 26.7 61.2(1) 33.6 49.6 55.7(6)	-35.3 -27.7 -21.8 -16.7 -11.0 -45.5 -17.9 -33.9 -40.0	1101	04S/12W-35C02 S 19			11.8	11/17/72 4/05/73	32.0 27.8	-20.2 -16.0	4206
04S/12W-25E01 S 19			15.7	10/18/72 11/16/72 12/20/72 1/23/73 4/04/73 5/30/73 6/06/73 8/15/73 9/09/73	51.0 43.4 37.5 32.4 26.7 61.2(1) 33.6 49.6 55.7(6)	-35.3 -27.7 -21.8 -16.7 -11.0 -45.5 -17.9 -33.9 -40.0	1101	04S/12W-35F01 S 19			10.1	4/19/73	28.5	-18.4	1101
04S/12W-25P01 S 19			26.9	4/19/73	28.1	-1.2	1101	04S/12W-35H01 S 19			10.7	4/25/73	46.8	-36.1	1101
04S/12W-26F02 S 19			16.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	67.2 56.0 54.2 53.8 50.4 50.2 55.8 58.7 62.7 64.3 64.5 62.9	-51.2 -40.0 -38.2 -37.8 -34.4 -34.2 -39.8 -42.7 -46.7 -48.3 -48.5 -46.9	4206	04S/12W-35H02 S 19			10.0	4/25/73	14.1	-4.1	1101
04S/12W-25P01 S 19			26.9	4/19/73	28.1	-1.2	1101	04S/12W-35H04 S 19			10.7	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	27.2 21.6 23.9 22.3 24.6 25.2 27.2 27.1	-16.5 -10.4 -13.2 -11.6 -13.4 -14.5 -16.5 -16.4	1101
04S/12W-26F02 S 19			16.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	67.2 56.0 54.2 53.8 50.4 50.2 55.8 58.7 62.7 64.3 64.5 62.9	-51.2 -40.0 -38.2 -37.8 -34.4 -34.2 -39.8 -42.7 -46.7 -48.3 -48.5 -46.9	4206	04S/12W-35H05 S 19			11.9	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	47.9 38.4 40.2 38.6 43.1 44.8 47.8 48.1	-36.0 -26.5 -28.1 -26.7 -31.2 -32.9 -35.9 -36.2	1101
04S/12W-26G01 S 19			15.0	11/17/72 4/02/73	51.1 43.9	-36.1 -28.9	4206	04S/12W-35J01 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.8 16.8 19.7 17.8 19.8 19.7 22.0 21.9	-12.8 -7.8 -10.7 -8.8 -10.8 -10.7 -13.0 -12.9	1101
04S/12W-26M01 S 19			16.6	11/17/72 4/02/73	58.0 50.5	-41.4 -33.9	4206	04S/12W-35J03 S 19			9.0	4/25/73	16.9	-7.9	1101
04S/12W-28M01 S 19			23.4	10/18/72 11/15/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73	74.3 63.2 58.0 50.4 46.1 42.6 45.6	-50.9 -39.8 -34.6 -27.0 -22.7 -19.2 -22.2	1101	04S/12W-35J05 S 19			9.0	4/25/73	20.6	-11.6	1101
04S/12W-28M01 S 19			23.4	10/18/72 11/15/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73	74.3 63.2 58.0 50.4 46.1 42.6 45.6	-50.9 -39.8 -34.6 -27.0 -22.7 -19.2 -22.2	1101	04S/12W-35J06 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73	36.7 28.0 32.2 29.5 33.9	-27.7 -19.0 -23.2 -20.5 -24.9	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
04S/12W-35J06 S 19 (CONTINUED)			9.0	5/31/73 7/02/73 8/02/73	34.2 37.5 36.7	-25.2 -28.5 -27.7	1101	04S/12W-36M01 S (CONTINUED)			22.3	4/25/73 5/31/73 7/02/73 8/02/73	52.3 52.1 55.3 54.3	-30.0 -29.8 -33.0 -32.0	1101
04S/12W-35J07 S 19			10.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	34.7 26.5 31.1 28.2 32.3 32.4 35.7 34.7	-24.7 -16.5 -21.1 -18.2 -22.3 -22.4 -25.7 -24.7	1101	04S/12W-36M02 S 19			22.1	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	37.9 31.6 34.1 32.4 35.3 35.5 37.7 37.1	-15.8 -9.5 -12.0 -10.3 -13.2 -13.4 -15.6 -15.0	1101
04S/12W-35K01 S 19			9.0	4/25/73	25.4	-16.4	1101	04S/12W-36M03 S 19			22.1	4/25/73	34.8	-12.7	1101
04S/12W-35K02 S 19			9.0	4/25/73	21.3	-12.3	1101	04S/12W-36M04 S 19			22.3	4/25/73	26.5	-4.2	1101
04S/12W-35K03 S 19			9.0	4/25/73	22.7	-13.7	1101	04S/12W-36N02 S 30			11.0	4/19/73	17.8	-6.8	1101
04S/12W-35K04 S 19			11.0	4/25/73	21.1	-10.1	1101	04S/12W-36N03 S 30			11.0	4/19/73	14.2	-3.2	1101
04S/12W-35K05 S 19			9.0	4/25/73	16.2	-7.2	1101	04S/12W-36N04 S 30			11.0	4/19/73	15.9	-4.9	1101
04S/12W-35K06 S			9.0	4/25/73	22.0	-13.0	1101	04S/12W-36N09 S 19			23.1	4/19/73	45.7	-22.4	1101
04S/12W-35K07 S 19			9.0	4/25/73	37.3	-28.3	1101	04S/13W-01F01 S 19			44.5	11/17/72 9/26/73	99.9 104.8	-55.4 -60.3	1101
04S/12W-35M01 S 19			60.0	12/15/72 5/01/73	78.1 80.2	-18.1 -20.2	1101	04S/13W-12F01 S			33.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73	138.0 61.0 135.4 135.1 134.6 135.9 136.4 137.2 136.8 137.0 136.1	-105.0 -28.0 -102.4 -102.1 -101.6 -102.9 -103.4 -104.2 -103.6 -104.0 -103.1	4206
04S/12W-35P01 S 19			57.0	4/24/73	70.1	-13.1	1101	04S/13W-12F04 S 19			28.2	12/13/72 4/09/73	57.1 56.6	-28.9 -28.4	1101
04S/12W-35P02 S 19			57.0	4/24/73	62.7	-5.7	1101	04S/13W-12F06 S			38.0	4/12/73	139.0	-101.0	5056
04S/12W-35P03 S 19			9.0	4/19/73	17.8	-8.8	1101	04S/13W-12F01 S 19			85.2	12/13/72 4/09/73	149.5 125.7	-64.3 -40.5	1101
04S/12W-35P04 S 19			9.3	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	17.1 12.5 16.8 14.1 15.6 15.4 16.7 16.5	-7.8 -3.2 -7.5 -4.8 -6.3 -6.1 -7.4 -7.2	1101	04S/13W-12M01 S 19			28.0	12/13/72 4/09/73	53.5 53.0	-25.5 -25.0	1101
04S/12W-35R09 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	30.4 22.5 27.7 23.5 28.0 27.9 31.0 30.2	-22.4 -14.5 -19.7 -15.5 -20.0 -19.9 -23.0 -22.2	1101	04S/13W-12M04 S 19			38.0	12/13/72 4/09/73	145.1 (R) 134.4 (R)	-107.1 -96.4	1101
04S/12W-35R10 S 19			9.0	4/25/73	11.8	-2.8	1101	04S/13W-13N01 S 19			25.0	4/12/73	127.9	-102.9	5056
04S/12W-35R11 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	19.5 14.7 18.3 16.0 17.9 17.6 19.6 19.2	-10.5 -5.7 -9.3 -7.0 -8.9 -8.6 -10.6 -10.2	1101	05S/12W-01F01 S 19			9.0	4/26/73	39.4	-30.4	1101
04S/12W-35R12 S 19			9.0	4/25/73	18.1	-9.1	1101	05S/12W-01F02 S 19			9.0	4/26/73 6/01/73 8/03/73	12.5 12.9 15.3	-3.5 -3.4 -6.3	1101
04S/12W-35P13 S 19			9.0	4/25/73	13.4	-4.4	1101	05S/12W-01F03 S 19			9.0	4/26/73	14.8	-5.4	1101
04S/12W-35R14 S 19			9.0	4/25/73	12.1	-3.1	1101	05S/12W-01F08 S 19			6.7	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	18.8 14.6 21.5 15.6 20.0 19.6 21.1	-12.1 -7.9 -14.4 -8.9 -13.3 -12.4 -14.4	1101
04S/12W-35R16 S 19			9.0	4/19/73	14.1	-5.1	1101	05S/12W-01M01 S 30			10.5	4/27/73	16.3	-5.8	1101
04S/12W-35R17 S 19			9.0	4/19/73	14.4	-5.4	1101	05S/12W-01M02 S 30			10.5	4/27/73	17.0	-6.5	1101
04S/12W-35R18 S 19			9.0	4/19/73	15.9	-6.9	1101	05S/12W-01M03 S 30			10.5	4/27/73	17.8	-7.3	1101
04S/12W-35R19 S 19			9.0	4/19/73	30.4	-21.4	1101	05S/12W-01N01 S			13.2	4/27/73	20.2	-7.0	1101
04S/12W-36C01 S 19			15.9	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	43.3 34.1 31.6 32.2 33.5 31.4 36.2 37.8 41.2 41.2 40.8 38.9	-27.4 -18.2 -15.7 -16.3 -17.6 -15.5 -20.3 -21.9 -25.3 -25.3 -24.9 -23.0	4206	05S/12W-01N02 S 30			13.2	4/27/73	20.1	-6.9	1101
04S/12W-36N01 S 19			13.5	4/19/73	18.1	-4.6	1101	05S/12W-01N03 S 30			13.6	4/27/73	20.5	-6.9	1101
04S/12W-36F01 S 19			24.7	4/25/73	46.0	-21.3	1101	05S/12W-01N04 S 30			13.6	4/27/73	22.5	-8.9	1101
04S/12W-36F02 S 19			24.7	4/25/73	29.3	-4.6	1101	05S/12W-01N05 S 30			13.6	4/27/73	20.9	-7.3	1101
04S/12W-36M01 S 19			22.3	11/01/72 1/03/73 2/02/73 3/02/73	55.4 46.1 49.0 47.1	-33.1 -23.8 -26.7 -24.8	1101	05S/12W-02A05 S 19			20.9	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	26.0 20.7 26.7 22.9 25.0 23.1 23.1	-5.1 0.2 -5.8 -2.0 -4.1 -2.2 -2.2	1101
								05S/12W-02A09 S 19			8.0	4/26/73 6/01/73 8/03/73	8.5 7.6 8.9	-0.5 0.4 -0.9	1101
								05S/12W-02A10 S 19			8.0	4/26/73	8.7	-0.7	1101



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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
05S/12W-02A10 S 19 (CONTINUED)			8.0	6/01/73 8/03/73	7.7 9.1	0.3 -1.1	1101	05S/12W-02B25 S 19 (CONTINUED)			11.0	3/02/73 4/26/73	15.7 15.8	-4.7 -4.8	1101
05S/12W-02A11 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	14.9 9.8 14.3 11.2 13.7 12.3 13.9	-6.9 -1.8 -6.3 -3.2 -5.7 -4.3 -5.9	1101	05S/12W-02C01 S 19			25.0	11/03/72 1/10/73 3/13/73 4/11/73 7/09/73 9/12/73	30.6 25.7 25.6 27.7 30.2 24.7	-5.6 -0.7 -0.6 -2.7 -5.2 0.7	5102
05S/12W-02A12 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	28.4 21.0 26.3 22.2 27.6 26.2 27.7	-20.4 -13.0 -18.3 -14.2 -19.6 -18.2 -19.7	1101	05S/12W-02C06 S 19			18.0	4/25/73 5/31/73 7/02/73 8/02/73	18.5 19.7 19.9 20.3	-0.5 -1.7 -1.9 -2.3	1101
05S/12W-02A13 S 19			11.1	4/26/73 6/01/73 8/03/73	5.4 2.6 3.7	5.7 8.5 7.4	1101	05S/12W-02C07 S 19			18.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	18.8 15.1 20.9 18.6 18.5 17.2 19.3 18.6	-0.8 2.9 -2.4 -0.6 -0.5 0.4 -1.4 -0.4	1101
05S/12W-02A14 S 19			11.1	4/26/73 6/01/73 8/03/73	6.6 4.2 5.2	4.5 6.9 5.9	1101	05S/12W-02C08 S 19			16.0	4/25/73 5/31/73 7/02/73 8/02/73	19.2 19.4 19.7 20.1	-3.2 -3.4 -3.7 -4.1	1101
05S/12W-02A15 S 19			11.1	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	14.5 9.3 15.9 11.6 13.4 11.4 12.4	-3.4 1.8 -4.8 -0.5 -2.3 -0.3 -1.3	1101	05S/12W-02C09 S 19			16.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.5 18.5 20.2 19.6 19.9 19.5 20.8 16.7	-5.5 -2.5 -4.2 -3.6 -3.9 -3.5 -4.8 -0.7	1101
05S/12W-02A16 S 19			11.1	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	31.4 23.4 29.5 25.4 30.3 28.6 30.0	-20.3 -12.3 -18.4 -14.3 -19.2 -17.5 -18.9	1101	05S/12W-02D04 S			15.0	4/25/73 5/31/73 7/02/73 8/02/73	16.0 15.8 15.9 15.2	-1.0 -0.8 -0.4 -0.2	1101
05S/12W-02A19 S 19			20.8	4/26/73	25.4	-4.6	1101	05S/12W-02D05 S 19			15.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	16.3 12.0 17.9 14.9 15.5 14.1 16.2 15.9	-1.3 3.0 -2.9 0.1 -0.5 0.4 -1.2 -0.4	1101
05S/12W-02A20 S 19			20.9	4/26/73	25.1	-4.2	1101	05S/12W-02D06 S 19			15.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.6 16.0 22.3 18.3 20.0 18.9 22.4 21.0	-6.6 -1.0 -7.3 -3.3 -5.0 -3.4 -7.4 -6.0	1101
05S/12W-02R01 S 19			11.4	11/17/72 4/02/73	11.4 9.7	0.0 1.7	4206	05S/12W-02F03 S 19			9.2	4/24/73	15.4	-6.2	1101
05S/12W-02R08 S 19			9.0	4/25/73	39.3	-30.3	1101	05S/12W-02F01 S 19			8.1	12/15/72 5/01/73	8.3 9.6	-0.2 -1.5	1101
05S/12W-02R09 S 19			9.0	4/25/73	14.4	-5.4	1101	05S/12W-02F04 S 19			9.0	4/24/73	29.8	-20.8	1101
05S/12W-02R12 S			9.0	4/25/73	10.0	-1.0	1101	05S/12W-02F13 S 19			10.0	4/24/73	13.9	-3.9	1101
05S/12W-02R13 S 19			8.8	4/25/73	15.4	-6.6	1101	05S/12W-02F16 S 19			8.1	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 6/29/73 8/02/73	16.0 14.1 15.6 14.6 14.1 14.4 14.6 14.0	-7.9 -6.0 -7.5 -6.5 -6.0 -6.3 -6.5 -5.9	1101
05S/12W-02R14 S 19			10.4	11/01/72 1/04/73 2/02/73 3/29/73 4/26/73 5/31/73 6/29/73 8/03/73	13.1 8.0 14.4 9.9 12.1 10.2 13.4 11.8	-2.7 2.4 -4.0 0.5 -1.7 0.2 -3.0 -1.4	1101	05S/12W-02F17 S 19			8.0	4/24/73	12.8	-4.8	1101
05S/12W-02R15 S 19			10.4	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 5/31/73 6/29/73 8/03/73	26.5 18.6 25.4 21.2 25.1 23.1 26.5 25.4	-16.1 -8.2 -15.0 -10.8 -14.7 -12.7 -16.1 -15.0	1101	05S/12W-02G04 S 19			8.0	4/25/73	12.2	-4.2	1101
05S/12W-02R16 S 19			10.8	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 6/29/73 8/02/73	13.6 8.7 14.6 11.2 12.2 13.8 12.6	-2.8 2.1 -3.8 -0.4 -1.4 -3.0 -1.8	1101	05S/12W-02G05 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	17.9 15.2 17.2 15.8 16.5 16.4 17.2 16.5	-8.9 -6.2 -8.2 -6.8 -7.5 -7.4 -8.2 -7.4	1101
05S/12W-02B17 S 19			10.8	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 6/29/73 8/02/73	19.4 13.5 19.9 15.8 17.7 16.7 20.2 18.7	-8.6 -2.7 -9.1 -5.0 -6.9 -5.9 -9.4 -7.9	1101	05S/12W-02G07 S 19			9.7	12/15/72 5/01/73	10.5 12.0	-0.8 -2.3	1101
05S/12W-02R22 S 19			10.0	4/25/73	8.2	1.8	1101	05S/12W-02G19 S			9.9	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 6/01/73 7/02/73	17.9 15.2 16.5 15.5 16.0 16.0 16.7	-8.0 -5.3 -6.6 -5.6 -6.1 -6.1 -6.4	1101
05S/12W-02R23 S 19			10.0	4/25/73	8.6	1.4	1101								
05S/12W-02R24 S 19			10.0	4/25/73	9.3	0.7	1101								
05S/12W-02R25 S 19			11.0	11/01/72 1/04/73 2/02/73	16.7 13.3 17.0	-5.7 -2.3 -6.0	1101								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
05S/12W-02G19 S 19			9.9	8/02/73	16.1	-6.2	1101	05S/12W-11G04 S 19			5.0	4/24/73	7.1	-2.1	1101
05S/12W-02G20 S 19			11.6	11/01/72	18.8	-7.2	1101	(CONTINUED)				6/01/73	7.4	-2.4	
				1/03/73	16.3	-4.7						8/02/73	7.5	-2.5	
				2/02/73	18.0	-6.4		05S/12W-11G05 S 19			16.8	4/24/73	35.0	-18.2	1101
				3/02/73	17.3	-5.7		SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05.B U-05.B1
				4/25/73	17.5	-5.9									
				6/01/73	17.3	-5.7		01N/13W-18N01 S 19			478.5	10/03/72	259.5(1)	219.0	1101
				7/02/73	18.3	-6.7						11/07/72	252.5(1)	226.0	
				8/02/73	17.6	-6.0						12/05/72	245.5(1)	233.0	
05S/12W-02H08 S 19			19.9	6/01/73	24.1	-4.2	1101					1/30/73	235.0(1)	243.5	
				8/03/73	25.1	-5.2						2/20/73	201.0(5)	277.5	
05S/12W-02H09 S			19.9	4/26/73	24.9	-5.0	1101					3/27/73	233.0(1)	245.5	
05S/12W-02H10 S 19			19.4	4/26/73	28.7	-9.3	1101					4/03/73	234.0(1)	244.5	
05S/12W-02H11 S 19			19.2	11/01/72	36.5	-17.3	1101					5/08/73	208.0(5)	270.4	
				1/04/73	34.2	-15.0						6/12/73	234.0(1)	244.5	
				2/02/73	36.0	-16.8						7/03/73	233.1(1)	244.5	
				3/02/73	34.6	-15.4						8/07/73	244.1(5)	233.5	
				4/26/73	34.8	-15.6						9/11/73	259.1(1)	218.5	
				5/31/73	34.3	-15.1		01N/13W-19B01 S 19			470.0	10/03/72	236.7(1)	233.3	1101
				6/29/73	34.7	-15.5						11/07/72	230.7(1)	239.3	
				8/03/73	34.1	-14.9						12/05/72	232.7(1)	237.3	
05S/12W-02J02 S 19			8.0	10/13/72	50.5	-42.5	4206					1/23/73	216.7(1)	253.3	
				11/27/72	43.1	-35.1						2/20/73	211.7(1)	258.3	
				12/21/72	38.9	-30.9						3/06/73	210.7(1)	259.3	
				1/23/73	45.4	-37.4						4/17/73	215.7(1)	254.3	
				2/09/73	44.3	-36.3						5/22/73	213.7(1)	256.3	
				3/30/73	33.7	-25.7						6/12/73	215.7(1)	254.3	
			9.9	4/09/73	36.9	-27.0	5050					7/10/73	218.7(1)	251.3	
			8.0	5/11/73	40.2	-32.2	4206					8/07/73	233.7(1)	236.3	
				6/22/73	44.8	-36.8						9/11/73	238.7(1)	231.3	
				7/13/73	48.0	-40.0		01N/13W-19B06 S 19			465.0	10/03/72	222.0	243.0	1101
				8/24/73	49.9	-41.9						11/07/72	228.9(1)	236.1	
				9/21/73	48.6	-40.6						12/05/72	233.6(1)	231.4	
05S/12W-02J04 S 19			7.4	11/27/72	38.1	-30.7	4206					1/02/73	248.4(1)	216.6	
				4/02/73	30.7	-23.3						2/06/73	252.4(1)	212.6	
05S/12W-02J05 S 19			18.5	4/26/73	27.0	-8.5	1101					3/06/73	273.4(5)	191.6	
05S/12W-02K05 S 19			12.5	4/24/73	19.0	-6.5	1101					4/10/73	247.4(1)	217.6	
05S/12W-02M01 S 19			8.2	4/24/73	33.4	-25.2	1101					5/01/73	250.4(1)	214.6	
05S/12W-02N04 S 19			9.2	4/24/73	12.5	-3.3	1101					6/26/73	247.4(1)	217.6	
05S/12W-02P01 S 19			4.8	4/24/73	32.1	-27.3	1101					7/17/73	245.4(1)	219.6	
05S/12W-02P05 S			5.0	12/15/72	6.0	-1.0	1101					8/14/73	243.0(1)	222.0	
				5/01/73	6.3	-1.3						9/11/73	224.5(1)	240.5	
05S/12W-02P07 S 19			4.2	4/24/73	26.5	-22.3	1101	01N/13W-19B07 S 19			470.6	10/03/72	256.7(1)	213.9	1101
05S/12W-02P11 S 19			3.0	11/01/72	5.2	-2.2	1101					11/07/72	251.7(1)	218.4	
				1/03/73	3.8	-0.8						12/05/72	246.7(1)	223.4	
				2/02/73	3.6	-0.6						1/09/73	242.7(1)	227.9	
				3/02/73	3.2	-0.2						2/20/73	207.7(5)	262.9	
				4/24/73	4.1	-1.1						3/06/73	203.7(5)	266.4	
				6/01/73	4.4	-1.4						4/10/73	243.7(1)	226.9	
				7/02/73	4.2	-1.2						5/15/73	244.7(1)	225.9	
				8/03/73	3.9	-0.9						6/12/73	234.7(1)	235.9	
05S/12W-02P12 S 19			3.7	4/24/73	4.6	-0.9	1101					7/10/73	243.7(1)	226.0	
05S/12W-02Q01 S 19			5.2	11/01/72	10.4	-5.2	1101					8/07/73	254.7(1)	215.9	
				1/03/73	8.8	-3.6						9/11/73	234.7(5)	235.9	
				3/29/73	8.5	-3.3		01N/13W-19C01 S 19			471.2	10/03/72	243.4(1)	227.8	1101
				4/25/73	8.9	-3.7						11/07/72	240.4(1)	230.8	
				6/01/73	8.8	-3.6						12/05/72	236.4(1)	234.8	
				7/02/73	9.6	-4.4						1/23/73	225.9(1)	245.3	
				8/02/73	9.2	-4.0						2/20/73	219.9(1)	251.3	
05S/12W-02R01 S 19			17.9	11/01/72	29.7	-11.8	1101					3/06/73	220.9(1)	250.3	
				1/04/73	26.7	-8.8						4/10/73	214.9(1)	256.3	
				2/02/73	27.5	-9.6						5/01/73	223.9(1)	247.3	
				3/02/73	26.4	-8.5						6/05/73	225.9(1)	245.3	
				4/26/73	26.7	-8.8						7/03/73	223.2(1)	247.8	
				5/31/73	26.8	-8.9						8/07/73	241.2(1)	229.9	
				6/29/73	27.6	-9.7						9/11/73	234.2(5)	236.8	
				8/03/73	26.6	-8.7		01N/13W-19D03 S 19			461.0	10/03/72	227.4(1)	233.6	1101
05S/12W-02R02 S 19			17.9	4/26/73	25.5	-7.6	1101					11/07/72	221.4(1)	239.6	
05S/12W-03A01 S 19			18.0	4/24/73	24.4	-6.4	1101					12/05/72	223.4(1)	237.6	
05S/12W-03C01 S 19			8.7	4/24/73	20.3	-11.6	1101					1/30/73	203.4(1)	257.6	
05S/12W-11G01 S 19			4.4	4/24/73	7.1	-2.7	1101					2/20/73	201.4(1)	259.6	
05S/12W-11G02 S 19			5.7	4/24/73	28.2	-22.5	1101					3/06/73	202.4(1)	258.6	
05S/12W-11G03 S 19			6.0	4/24/73	26.3	-20.3	1101					4/03/73	202.4(1)	258.6	
05S/12W-11G04 S 19			5.0	11/01/72	8.5	-3.5	1101					5/01/73	203.4(1)	257.6	
				1/03/73	7.3	-2.3						6/05/73	205.4	255.6	
				2/02/73	7.2	-2.2						7/10/73	218.0	254.6	
				3/02/73	7.2	-2.2						8/07/73	232.2(1)	240.4	
												9/11/73	237.2(1)	235.4	
								01N/13W-19F01 S 19			468.2	7/10/73	201.0(1)	267.2	1101
												8/07/73	218.0(1)	250.2	
												9/11/73	215.0(5)	253.2	
								01N/13W-19G01 S 19			438.0	10/17/72	183.6	254.4	1200
												11/14/72	177.5	260.5	
												12/12/72	171.1	266.9	
												1/16/73	165.1	272.9	
												2/13/73	163.5	274.5	
												3/13/73	162.1	275.9	
												4/17/73	164.7	273.3	
												5/15/73	165.2	272.8	
												6/19/73	164.9	273.1	
												7/17/73	175.0	263.0	

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81	
01N/13W-19G01 S 19 (CONTINUED)			438.0	8/14/73 9/18/73	183.1 190.1	254.9 247.9	1200	01N/14W-07G02 S 19 (CONTINUED)			691.6	3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	180.7 180.4 182.2 185.3 188.9 191.6 190.4	510.9 511.2 509.4 506.3 502.7 500.0 501.2	1200	
01N/13W-19K03 S 19			450.0	11/30/72 1/31/73 2/28/73 3/30/73 4/30/73 5/31/73 6/29/73 7/31/73 9/28/73	180.7 182.8 175.4 176.9 178.1 177.7 178.5 193.4 205.3	269.3 267.2 274.6 273.1 271.9 272.3 271.5 256.6 244.7	1200	01N/14W-07H01 S 19			681.0	12/14/72 4/27/73	177.6 177.2	503.4 503.8	1200	
01N/13W-19002 S 19			439.1	10/26/72 11/29/72 12/26/72 1/31/73 2/23/73 3/30/73 4/27/73 5/24/73 6/28/73 7/26/73 8/28/73 9/25/73	157.7 157.2 155.1 150.9 148.6 146.3 145.9 145.8 146.0 148.2 153.7 155.5	281.4 281.9 284.0 288.2 290.5 292.8 293.2 293.3 293.1 290.9 285.4 283.6	1200	01N/14W-07J01 S 19			677.5	12/14/72	176.6	500.9	1200	
01N/13W-20H01 S 19			483.8	4/04/73	149.6	334.2	1101	01N/14W-07J03 S 19			667.5	12/14/72 4/27/73	171.4 171.4	496.1 496.1	1200	
01N/13W-20H01 S 19			542.0	11/22/72 5/04/73	205.2 204.2	336.8 337.8	1101	01N/14W-08A01 S 19			687.2	4/27/73	NM-1		1200	
01N/13W-20R01 S 19			540.0	4/09/73 5/04/73	202.5(1) 197.5(5)	337.5 342.5	1101	01N/14W-08A02 S 19			687.2	12/14/72	201.8	485.4	1200	
01N/13W-28A01 S 19			589.0	11/22/72 4/04/73	DRY DRY		1101	01N/14W-08B01 S 19			687.0	12/14/72 4/27/73	200.7 202.4	486.3 484.6	1200	
01N/13W-29L01 S 19			461.0	11/22/72 4/04/73 5/04/73	DRY NM-3 NM-3		1101	01N/14W-08J01 S 19			665.5	12/14/72	189.9	475.6	1200	
01N/13W-32001 S 19			415.2	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	65.7 66.1 66.2 66.4 66.1 65.7 65.9 65.4 66.2 67.0 67.5 67.4	349.5 349.1 349.0 348.8 349.1 349.5 349.3 349.8 349.0 348.2 347.7 347.8	1200	01N/14W-08J03 S 19			656.0	12/14/72	181.4	474.6	1200	
01N/13W-33N02 S 19			440.5	11/24/72	94.7	345.8	1101	01N/14W-08J04 S 19			665.0	12/14/72	178.9	486.1	1200	
01N/13W-33N03 S 19			435.2	11/22/72 4/05/73	90.0 91.5	345.2 343.7	1101	01N/14W-08L01 S 19			669.0	11/10/72 4/27/73	189.4 185.4	479.6 483.6	1200	
01N/14W-04N03 S 19			693.0	11/22/72 4/12/73	210.5 206.7	482.5 486.3	1101	01N/14W-08L02 S 19			665.0	12/14/72 4/27/73	176.5 182.3	488.5 482.7	1200	
01N/14W-05N01 S 19			707.2	12/14/72 4/27/73	204.7 203.0	502.5 504.2	1200	01N/14W-09A03 S 19			661.0	10/30/72 11/27/72 12/10/72 8/20/73 9/20/73	192.6(5) 190.6(5) 188.0(5) 242.9(1) 225.5(1)	468.4 470.4 473.0 418.1 435.5	1101	
01N/14W-05P01 S 19			707.0	12/14/72 4/27/73	209.6 208.3	497.4 498.7	1200	01N/14W-09A04 S 19			662.4	10/30/72 11/27/72 12/10/72 1/14/73 2/11/73 3/15/73 4/18/73 5/16/73 6/15/73 7/01/73 8/05/73 9/06/73	192.4 189.0 186.9(5) 188.3(5) 184.6(5) 180.3(5) 181.2(5) 182.6(5) 209.2(1) 215.0(1) 217.4(1) 219.6(1)	470.0 473.4 475.5 474.1 477.8 482.1 481.2 479.8 453.2 447.5 445.1 442.9	1101	
01N/14W-05P02 S 19			708.2	12/14/72 4/27/73	208.0 206.5	500.2 501.7	1200	01N/14W-09E03 S 19			665.0	10/30/72 11/14/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	196.4 191.9 189.0 188.2 185.6 184.3 186.5 188.7 190.8 193.5 193.4 194.2	468.6 473.1 476.0 476.8 479.4 480.7 478.5 476.1 474.7 471.5 471.4 470.8	1200	
01N/14W-06L01 S 19			732.0	12/14/72	212.3	519.7	1200	01N/14W-09G02 S 19			641.0	10/30/72 11/27/72 12/27/72 1/07/73 2/21/73 3/21/73 4/18/73 5/20/73 7/13/73 8/10/73 9/17/73	179.5 173.6 172.1(5) 172.2(5) 168.8(5) 167.0(5) 171.3(5) 175.0(5) 179.2(5) 208.2(1) 186.3(5)	461.5 467.4 468.9 468.8 472.2 474.0 464.7 466.0 461.8 434.8 456.7	1101	
01N/14W-06N01 S 19			717.9	12/14/72 4/27/73	200.9 198.2	517.0 519.7	1200	01N/14W-09G03 S 19			653.0	10/30/72 11/27/72 12/20/72 1/24/73 2/21/73 3/16/73 4/13/73 5/18/73 6/15/73 7/13/73 8/10/73 9/06/73	189.7 186.4 183.8(5) 173.1(5) 180.4(5) 252.3(1) 256.8(1) 183.1(5) 182.6(5) 265.5(1) 272.7(1) 275.6(1)	463.3 466.4 469.2 479.9 472.6 400.7 396.2 469.9 470.4 389.4 382.2 379.3	1101	
01N/14W-06P01 S 19			721.1	12/14/72 4/27/73	203.4 204.6	517.7 516.5	1200	01N/14W-09H01 S 19			644.9	10/30/72 11/27/72 12/27/72 1/24/73 2/18/73 3/16/73 4/20/73 5/18/73 6/15/73 7/13/73	183.3 180.3 177.1(5) 176.3(5) 175.6(5) 174.0(5) 175.4(5) 178.1(5) 178.4(5) 184.4(5)	461.6 464.6 467.8 468.6 469.3 470.9 469.5 466.8 466.5 461.9	1101	
01N/14W-06001 S 19			714.0	12/14/72 4/27/73	203.2 203.5	510.8 510.5	1200									
01N/14W-06002 S 19			712.0	12/14/72 4/27/73	198.9 199.4	513.1 512.6	1200									
01N/14W-06003 S 19			713.3	12/14/72 4/27/73	200.0 201.5	513.3 511.8	1200									
01N/14W-06R01 S 19			713.3	12/14/72 4/27/73	204.6 204.6	508.7 508.7	1200									
01N/14W-06R05 S 19			710.0	12/14/72 4/27/73	201.1 202.2	508.9 507.8	1200									
01N/14W-07A01 S 19			699.0	12/14/72 4/27/73	195.2 194.3	503.8 504.7	1200									
01N/14W-07G02 S 19			691.6	10/17/72 11/14/72 12/19/72 1/16/73 2/13/73	189.3 186.5 184.4 183.8 182.5	502.3 505.1 507.2 507.8 509.1	1200									



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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
U-05 U-05.8 U-05.B1								U-05 U-05.8 U-05.B1							
01N/14W-09H01 S 19 (CONTINUED)			646.3	8/10/73 9/06/73	186.9(5) 204.1(1)	459.4 442.2	1101	01N/14W-16F01 S			616.0	4/27/73	NM-1		1200
01N/14W-09H04 S 19			637.9	10/30/72 11/27/72 12/27/72 1/19/73 2/21/73 3/21/73 4/20/73 5/18/73 6/15/73 7/13/73 8/10/73 9/17/73	177.5(5) 173.1(5) 170.4(5) 170.8(5) 170.4(5) 169.9(5) 173.4(5) 174.4(5) 247.9(1) 253.8(1) 253.0(1) 185.5(5)	460.4 464.8 467.5 467.1 467.5 468.0 464.5 463.5 390.0 384.1 384.9 452.4	1101	01N/14W-16P04 S			593.0	10/27/72 4/24/73	DRY DRY		1200
01N/14W-09J01 S			628.0	10/20/72 11/22/72 4/12/73	DRY DRY DRY		1101	01N/14W-18L02 S			641.9	10/17/72 11/28/72 12/19/72 1/19/73 2/20/73 3/23/73 4/20/73 5/22/73 6/19/73 7/24/73 8/21/73 9/18/73	144.1 142.5 142.2 142.0 140.8 140.3 140.4 141.4 142.4 143.7 144.0 143.5	497.8 499.4 499.7 499.9 501.1 501.6 501.5 500.5 499.5 498.2 497.9 498.4	1200
01N/14W-09K02 S 19			631.5	10/30/72 11/27/72 12/27/72 1/19/73 2/21/73 3/16/73 4/13/73 5/18/73 6/20/73 7/13/73 8/10/73 9/27/73	179.0(5) 166.7(5) 167.2(5) 165.8(5) 160.1(5) 158.7(5) 164.6(5) 167.6(5) 174.2(5) 195.5(1) 177.5(5) 182.0(5)	452.5 464.8 464.3 465.7 471.4 472.8 466.9 463.9 457.3 435.5 453.5 449.0	1101	01N/14W-19A05 S			611.1	11/30/72 4/20/73	107.1 106.5	504.0 504.6	1200
01N/14W-09L04 S 19			650.5	10/30/72 11/27/72 12/27/72 1/20/73 2/25/73 3/18/73 4/13/73 5/16/73 6/15/73 7/13/73 8/10/73 9/06/73	182.2(5) 178.3(5) 178.6(5) 176.8(5) 170.2(5) 167.0(5) 180.4(5) 207.5(1) 211.6(1) 219.5(1) 272.3(1) 221.3(1)	468.3 472.2 471.9 473.7 480.3 483.5 470.1 443.0 438.9 431.0 428.2 429.2	1101	01N/14W-19R03 S			627.8	10/17/72 11/28/72 12/19/72 1/19/73 2/20/73 3/23/73 4/20/73 5/22/73 6/19/73 7/24/73 8/21/73 9/18/73	129.1 128.1 127.8 127.8 127.0 126.4 126.4 127.3 127.3 128.2 128.4 128.2	498.7 499.7 500.0 500.0 500.4 501.4 501.4 500.5 500.5 499.6 499.4 499.6	1200
01N/14W-11001 S			555.0	10/30/72 11/27/72 12/27/72 1/26/73 2/23/73 3/16/73 4/25/73 5/23/73 6/20/73 7/13/73 8/16/73 9/13/73	123.7(5) 127.3(5) 176.5(1) 177.5(1) 123.5(5) 172.5(5) 125.5(5) 121.3(5) 121.4(5) 122.6(5) 177.2(5) 178.7(1)	431.3 427.7 378.5 377.5 431.5 432.5 429.5 433.7 433.6 432.4 428.1 376.6	1101	01N/14W-20F02 S			594.1	10/17/72 11/14/72 12/19/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	160.8 159.7 158.6 158.9 157.9 156.0 156.6 156.9 157.1 157.3 158.5 158.6	433.3 434.4 435.5 435.2 436.2 438.1 437.5 437.2 437.0 436.8 435.6 435.5	1200
01N/14W-12M02 S 19			620.2	11/22/72 4/12/73	197.9 196.8	472.3 423.4	1101	01N/14W-21H03 S 19			559.0	11/15/72 4/10/73	6.6 6.9	552.4 552.1	1101
01N/14W-13R01 S 19			488.6	7/10/73 8/07/73 9/11/73	242.7(1) 253.7(1) 260.7(1)	245.9 234.9 227.9	1101	01N/14W-22H03 S 19			535.6	11/15/72 4/10/73	191.3 176.5	344.3 359.1	1101
01N/14W-13R02 S 19			479.0	10/03/72 11/07/72 12/05/72 1/16/73 2/20/73 3/20/73 4/03/73 5/01/73 6/05/73	257.9(1) 253.9(1) 249.9(1) 237.9(1) 233.9(1) 233.9(1) 232.9(1) 203.9(5) 234.9(1)	221.1 225.1 229.1 241.1 245.1 245.1 246.1 275.1 244.1	1101	01N/14W-23A03 S 19			480.6	10/31/72 11/30/72 12/29/72 1/31/73	207.7 NM-3 NM-3 NM-3	272.9	1200
01N/14W-14R0A S 19			559.0	11/27/72 12/27/72 1/19/73 2/16/73 3/16/73 4/13/73 5/23/73 6/20/73 7/13/73 8/16/73 9/13/73	125.7(5) 208.7(1) 210.7(1) 211.0(1) 121.7(5) 208.0(1) 118.8(5) 117.5(5) 117.4(5) 123.1(5) 200.2(1)	433.3 350.3 348.3 348.0 337.3 351.0 440.2 441.5 440.3 434.6 357.5	1101	01N/14W-23J05 S 19			503.0	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/29/73 6/28/73 7/24/73 8/30/73 9/25/73	66.7 65.4 64.4 65.3 65.7 65.2 64.8 64.8 64.1 65.4 66.9 70.9	436.3 437.6 438.6 437.7 437.3 437.8 438.2 438.2 438.4 437.6 436.1 432.1	1200
01N/14W-14F05 S 19			545.9	10/06/72 11/02/72 12/08/72 1/03/73 2/02/73 3/05/73 4/13/73 5/01/73 6/05/73 8/01/73 9/13/73	118.1 116.5 115.3 115.1 114.6 113.3 114.1 113.8 109.3 109.9 116.1	427.8 429.4 430.6 430.8 431.3 432.6 431.8 432.1 436.6 436.0 429.8	1101	01N/14W-23L01 S			487.6	10/03/72 11/14/72 12/12/72 1/09/73 2/27/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	105.2 DRY DRY 103.0 101.8 102.4 103.0 102.3 92.8 DRY 152.9 92.1	382.4 384.6 385.8 385.2 384.6 385.3 394.8 394.8 334.7 395.5	1200
01N/14W-16D01 S			625.0	10/27/72 4/24/73	DRY DRY		1200	01N/14W-23M02 S 19			512.0	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/27/73 5/29/73 6/28/73 7/24/73 8/30/73 9/25/73	167.7 168.6 169.3 168.5 168.2 160.7 157.1 154.4 152.1 162.0 168.4 171.7	344.3 343.4 342.7 343.5 343.8 351.3 354.9 357.6 359.9 350.0 343.6 340.3	1200
01N/14W-16D01 S			625.0	10/27/72 4/24/73	DRY DRY		1200	01N/14W-24D05 S				10/31/72	NM-1		1200

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1
01N/14W-24D05 S (CONTINUED)				11/30/72 12/29/72 1/31/73 3/30/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		1200	01N/15W-07F01 S 19 (CONTINUED)			724.4	11/21/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	96.3 96.5 97.0 96.5 96.2 96.1 95.9 95.5 95.2 95.3 95.6	628.5 628.3 627.8 628.3 628.6 628.7 628.4 629.3 629.6 629.5 629.2	1200
01N/14W-24F07 S 19		476.7		10/17/72 11/14/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	213.1 206.0 200.9 194.3 190.4 188.0 186.0 193.0 195.9 198.3 206.5 213.6	263.6 270.7 275.8 282.4 286.3 286.7 290.7 293.7 280.8 278.4 270.2 263.1	1200	01N/15W-07F02 S 19		718.0		11/29/72 4/19/73	105.1 104.6	612.9 613.4	1200
01N/14W-24H01 S 19		461.0		10/17/72 11/21/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	213.1 201.8 196.8 189.7 188.2 186.4 188.6 190.9 191.6 201.8 210.2 217.3	247.9 259.2 264.2 271.3 272.8 274.6 272.4 270.1 269.4 259.2 250.8 243.7	1200	01N/15W-07001 S		705.0		11/29/72 4/19/73	NM-3 NM-6		1200
01N/14W-24H03 S 19		462.0		12/29/72 1/31/73 2/28/73	192.7 186.7 184.2	269.3 275.3 277.8	1200	01N/15W-08P01 S		700.4		10/27/72 11/30/72 12/21/72 1/26/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	116.9 117.3 117.3 117.5 117.7 117.5 117.6 117.4 117.4 117.3 117.4 117.5	583.5 583.1 583.1 582.9 582.7 582.9 582.4 583.0 583.0 583.1 583.0 582.4	1200
01N/14W-27F02 S		525.8		10/27/72 4/24/73	37.8 36.3	488.0 489.5	1200	01N/15W-09P02 S		689.8		10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	84.7 79.3 77.5 58.6 36.7 32.4 31.4 34.7 35.5 6.2(6) 7.5(6) 8.7(6)	605.1 610.5 612.3 631.2 653.1 657.4 658.4 654.1 654.3 683.4 682.3 681.1	1200
01N/14W-28R01 S 19		544.3		12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/28/73	164.5 163.4 158.7 157.1 157.1 157.6 157.4	379.8 380.9 385.6 387.2 387.2 386.7 386.9	1200	01N/15W-10H02 S		707.2		10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	161.9 161.7 161.6 161.4 161.2 161.0 160.8 162.5 162.1 162.7 163.3 162.6	545.3 545.5 545.6 545.8 546.0 546.2 546.4 546.7 545.1 544.5 543.4 544.4	1200
01N/14W-28R01 S 19		768.0		11/22/72 4/10/73	101.5 101.5	666.5 666.5	1101	01N/15W-11R04 S		673.7		10/06/72 11/02/72 12/05/72 1/03/73 2/02/73 3/05/73 4/13/73 5/03/73 6/29/73 8/01/73 9/13/73	141.7 142.0 143.2 141.4 141.1 140.7 140.5 140.6 141.7 142.7 143.3	532.0 531.7 530.5 532.3 532.5 533.0 533.2 533.1 532.0 531.0 530.4	1101
01N/15W-01K01 S 19		725.6		12/08/72 4/27/73	193.8 194.4	531.8 529.2	1200	01N/15W-14E01 S		687.6		11/30/72 4/20/73	139.3 138.5	548.4 549.1	1200
01N/15W-01P04 S		719.0		12/08/72 4/26/73	NM-7 NM-7		1200	01N/15W-14J01 S		668.1		10/17/72 11/14/72 12/19/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/11/73	132.3 131.1 130.9 131.0 130.1 129.7 130.1 131.8 132.0 133.1 133.2 133.4	535.8 537.0 537.2 537.1 538.0 538.4 538.0 536.3 536.1 535.0 534.9 534.7	1200
01N/15W-01Q02 S 19		721.2		12/08/72 4/27/73	192.4 192.8	528.8 528.4	1200	01N/15W-15A02 S		679.3		10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	132.2 131.8 131.8 127.5 131.3 131.0 130.9 132.7 132.4 133.3 134.0 132.9	547.1 547.5 547.5 551.8 548.0 548.3 548.4 546.6 546.9 546.0 545.3 546.4	1200
01N/15W-01Q03 S 19		720.0		12/08/72 4/27/73	194.0 194.1	526.0 525.9	1200	01N/15W-15J02 S		667.1		11/30/72 4/20/73	115.2 114.2	551.9 552.9	1200
01N/15W-01Q04 S 19		719.9		12/08/72 4/27/73	183.3 194.5	536.6 525.4	1200	01N/15W-16H04 S 19		678.2		11/30/72	110.0	568.2	1200
01N/15W-02P01 S 19		723.9		12/08/72 4/26/73	184.9 186.4	539.0 537.5	1200								
01N/15W-04P01 S 19		729.6		10/27/72 11/30/72 12/21/72 1/26/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/31/73	161.2 161.1 161.1 161.3 161.4 161.2 160.9 161.2 161.3 161.0 160.9 161.2	568.4 568.5 568.5 568.3 568.2 568.4 568.7 568.4 568.3 568.6 568.7 568.4	1200								
01N/15W-06N01 S		743.0		10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	137.0 137.5 137.7 138.2 138.5 138.6 138.6 138.6 137.4 138.2 138.1 137.7	606.0 605.5 605.3 604.8 604.5 604.4 604.4 604.4 605.6 604.8 604.9 605.3	1200								
01N/15W-07D02 S		740.1		6/28/73	DRY		1101								
01N/15W-07E01 S 19		724.8		10/18/72	96.1	628.7	1200								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81
01N/15W-16H04 S	19		678.2	4/20/73	111.9	566.3	1200	01N/16W-03G03 S	19		738.7	4/11/73	11.9	726.8	1101
01N/15W-17N02 S	19		688.0	11/15/72 4/11/73	10.1 7.3	677.9 680.7	1101	01N/16W-03G04 S	19		742.9	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	17.3 18.9 20.8 19.3 16.1 15.5 15.3 15.2 15.3 15.5 15.8 25.6	725.6 724.0 722.1 723.6 726.8 727.4 727.6 727.7 727.6 727.4 727.1 717.3	1200
01N/15W-18N01 S			717.1	10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	11.5 11.6 11.5 11.3 10.3 10.3 10.2 10.4 10.4 10.6 10.6 10.4	705.6 705.5 705.6 705.8 706.8 706.8 706.9 706.7 706.5 706.7 706.5 706.7	1200	01N/16W-03003 S	19		737.5	1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/14/73 7/13/73 8/16/73	28.6 26.1 25.4 25.3 25.1 25.1 25.2 25.4	708.4 711.4 712.1 712.2 712.4 712.4 712.3 712.1	1200
01N/15W-21A02 S			659.3	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	83.9 84.1 83.9 84.0 84.0 83.8 83.9 84.3 85.1 84.6 84.7 84.9	575.4 575.2 575.4 575.3 575.3 575.5 575.4 575.0 574.2 574.7 574.6 574.4	1200	01N/16W-03P01 S	19		732.1	10/18/72 11/20/72 12/13/72 1/17/73 2/22/73 3/16/73 4/11/73 5/16/73 6/14/73 7/13/73 8/16/73 9/13/73	31.3 32.1 32.0 32.1 30.5 29.9 29.6 29.3 29.2 29.3 30.5 32.0	700.8 700.0 700.1 700.0 701.6 702.2 702.5 702.8 702.9 702.8 701.4 700.1	1200
01N/15W-23A01 S			652.4	11/30/72 4/20/73	115.9 114.5	536.5 537.9	1200	01N/16W-04N01 S			771.5	10/11/72 11/21/72 12/14/72 1/19/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/13/73	DRY DRY DRY DRY 7.8 7.5 7.5 7.8 DRY DRY DRY DRY	763.2 763.5 763.5 763.2	1200
01N/15W-23D01 S			651.9	10/06/72 11/02/72 12/08/72 1/03/73 2/02/73 3/05/73 4/13/73 5/03/73 6/29/73 8/01/73 9/13/73	99.2 98.0 97.3 97.6 97.2 96.9 96.8 97.3 97.9 98.5 98.9	552.7 553.9 554.6 554.3 554.7 555.0 555.1 554.6 554.0 553.4 553.0	1101	01N/16W-04F01 S			778.0	10/11/72 11/21/72 12/14/72 1/19/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY	1200	
01N/15W-23J01 S			631.8	4/20/73	14.0	617.8	1200	01N/16W-04F02 S	19		766.0	2/22/73 3/19/73 4/19/73 5/17/73 6/20/73	10.8 10.9 10.7 10.8 11.0	755.2 755.1 755.3 755.2 755.0	1200
01N/15W-23J02 S	19		632.0	11/19/72 4/20/73	46.7 46.1	585.3 585.9	1200	01N/16W-04F01 S			758.0	10/11/72 11/21/72 12/14/72 1/18/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY	1200	
01N/15W-23P01 S			629.0	11/15/72 4/10/73	DRY DRY		1101	01N/16W-04G01 S	19		757.0	11/21/72 4/11/73	18.3 18.2	738.7 738.8	1101
01N/16W-02M01 S	19		737.8	12/14/72 1/09/73 2/04/73 3/04/73 5/11/73 7/30/73 8/20/73	16.0 18.0 15.0 15.0 14.0 11.0 2.0	721.8 719.8 722.8 722.8 723.8 726.8 735.8	1200	01N/16W-04G02 S	19		752.0	10/11/72 11/17/72 12/13/72 1/17/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	13.9 14.0 13.4 14.2 12.9 10.5 10.5 10.6 10.8 11.4 12.4 12.8	738.1 738.0 738.6 737.8 739.1 741.5 741.5 741.4 741.2 740.2 739.4 739.2	1200
01N/16W-02Q01 S			728.4	10/06/72 11/02/72 12/08/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	26.7 27.4 27.1 29.5 27.1 26.1 25.7 25.5 25.6 25.9 26.9	701.7 701.0 701.3 698.9 701.3 702.3 702.7 702.9 702.8 702.5 701.5	1101	01N/16W-04M01 S			761.5	10/11/72 11/21/72 12/13/72 1/17/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/13/73	16.2 16.2 15.2 14.9	745.3 745.3 746.3 746.6	1200
01N/16W-03R01 S	19		739.1	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	14.4 14.7 13.2 12.8 11.7 11.3 11.5 11.9 12.3 13.2	724.7 724.4 725.9 726.3 727.4 727.8 727.6 727.2 726.8 725.9	1101	01N/16W-03G02 S			735.8	11/15/72 4/11/73	DRY 19.6	716.2	1101
01N/16W-03N01 S	19		753.0	10/11/72 11/20/72 12/13/72 1/17/73 2/23/73 3/20/73 4/19/73 5/17/73 6/14/73 7/13/73 8/15/73 9/13/73	7.7 8.5 8.1 8.0 7.4 7.0 6.7 6.6 6.3 6.9 7.4 7.7	745.3 744.5 744.9 745.0 745.6 746.0 746.3 746.4 746.7 746.1 745.6 745.3	1200	01N/16W-03G03 S	19		738.7	11/15/72	15.1	723.6	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
U-05 U-05.B U-05.B1								U-05 U-05.B U-05.B1							
01N/16W-04M01 S (CONTINUED)			761.5	2/22/73 3/19/73 4/11/73 5/17/73 6/14/73 7/19/73 8/15/73 9/13/73	12.9 12.5 12.4 12.6 13.0 13.7 14.3 14.7	748.6 749.0 749.1 748.9 748.5 747.8 747.2 746.8	1200	01N/16W-06G02 S (CONTINUED)			791.6	3/15/73 4/13/73 5/17/73 7/12/73 8/15/73	21.4 21.3 21.3 21.5 21.8	770.2 770.3 770.3 770.1 769.4	1200
01N/16W-04001 S 19			747.0	11/21/72 4/11/73	15.9 15.3	731.1 731.7	1101	01N/16W-06G06 S 19			793.5	12/14/72 1/04/73 2/04/73 3/04/73 5/11/73 7/31/73 8/20/73	15.0 14.0 15.0 15.0 15.0 14.0 14.0	778.5 779.5 778.5 778.5 779.5 779.5 779.5	1200
01N/16W-04R01 S			741.0	10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/20/73 4/11/73 5/16/73 6/14/73 7/19/73 8/16/73 9/13/73	17.0 17.5 17.3 17.1 15.0 14.4 14.2 15.0 14.7 15.1 15.5 17.0	724.0 723.5 723.7 723.9 726.0 726.6 726.8 726.0 726.3 725.9 725.5 724.0	1200	01N/16W-09D01 S			757.0	10/11/72 11/17/72 12/14/72 1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/14/73 7/19/73 8/15/73 9/13/73	18.1 18.0 17.9 17.9 16.6 16.2 16.2 16.3 16.6 17.0 17.2 17.5	738.9 739.0 739.1 739.1 740.4 740.4 740.8 740.7 740.4 740.0 739.4 739.5	1200
01N/16W-05D01 S			790.0	10/11/72 11/17/72 12/14/72 1/19/73 2/23/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	01N/16W-12L02 S 19			717.1	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	29.6 29.7 29.3 29.0 29.0 29.1 29.4 29.6 29.6 29.8	687.5 687.4 687.4 688.1 688.1 688.1 687.7 687.5 687.5 687.3	1101
01N/16W-05F01 S			784.0	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	01N/16W-15F01 S 56			788.2	1/04/73 2/04/73 3/04/73 7/30/73 8/21/73	18.2 19.2 19.2 19.2 15.2	770.0 769.0 769.0 769.0 773.0	1200
01N/16W-05F02 S			777.2	10/11/72 11/15/72 12/13/72 1/17/73 2/22/73 3/15/73 4/11/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	01N/16W-15N02 S 19			860.0	11/15/72 4/11/73 7/11/73	20.4 19.2 19.0	839.6 840.0 841.0	1101
01N/16W-05F07 S 19			775.0	12/15/72 4/11/73 7/11/73	16.0 16.3 14.9	759.0 758.7 760.1	1101	01N/16W-16G05 S			788.5	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	14.2 14.1 13.5 14.5 13.3 12.9 12.8 12.7 12.8 13.1 13.3 14.4	774.4 774.4 775.0 774.4 775.4 775.4 775.4 775.4 775.4 775.4 775.4 774.1	1200
01N/16W-05K01 S			772.0	10/11/72 11/17/72 12/13/72 1/17/73 2/22/73 3/19/73 4/11/73 5/17/73 6/14/73 7/19/73 8/15/73 9/13/73	20.5 20.3 19.8 19.6 18.4 17.8 17.5 17.8 18.2 19.0 19.5 19.7	751.5 751.7 752.2 752.4 753.6 754.2 754.5 754.2 753.8 753.0 752.5 752.3	1200	01N/16W-18F01 S			867.0	1/19/73 3/20/73 4/13/73 5/17/73 6/14/73 7/19/73 8/15/73 9/18/73	12.4 12.0 12.2 12.3 12.2 12.3 12.4 12.4	854.6 854.0 854.4 854.7 854.4 854.7 854.0 854.6	1200
01N/16W-05M01 S			780.0	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	17.2 16.7 16.2 16.0 14.5 14.3 14.6 15.0 15.4 16.0 16.4 16.6	762.8 763.3 763.8 764.0 765.5 765.7 765.4 765.0 764.6 764.0 763.6 763.4	1200	01N/17W-01G02 S 19			801.9	11/21/72 4/11/73	14.1 14.8	786.4 787.1	1101
01N/16W-05M02 S			768.0	11/30/72 4/19/73	18.1 17.5	749.9 750.5	1200	01N/17W-01J02 S 19			798.0	10/06/72 11/09/72 12/12/72 1/03/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	12.9 12.7 12.6 12.5 12.3 11.8 12.0 12.3 12.3 11.6	785.1 785.3 785.4 785.4 785.7 786.2 786.0 785.7 785.7 786.4	1101
01N/16W-06G02 S			791.6	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73	22.1 22.5 22.3 22.6 21.6	769.5 769.1 769.3 769.0 770.0	1200	01N/17W-03N03 S			898.0	11/21/72 4/11/73	44.5 41.6	853.5 856.4	1101
								01N/17W-03P01 S			870.0	11/21/72 4/11/73	27.3 25.0	842.7 845.0	1101
								01N/17W-11F06 S 19			842.0	11/21/72 4/11/73	26.1 25.2	815.9 816.8	1101
								01N/17W-11G04 S			833.0	11/21/72 4/11/73	24.8 23.9	808.2 809.1	1101
								01N/17W-12N01 S			844.6	5/17/73 6/14/73 7/19/73 8/15/73 9/18/73	28.4 29.5 28.9 29.2 29.2	816.2 815.1 815.7 815.4 815.4	1200
								01N/17W-13L01 S			871.8	11/21/72	14.5	857.3	1101

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
01N/17W-13L01 S			871.8	4/11/73	12.7	859.1	1101	02N/15W-04A01 S	19		1046.8	7/09/73	16.8	1030.0	1101
01N/17W-13M01 S	19		887.5	12/14/72	31.3	856.2	1200	(CONTINUED)				8/02/73	16.8	1030.0	
				1/04/73	30.3	857.2						9/04/73	16.9	1029.9	
				2/04/73	34.3	853.2		02N/15W-09G02 S	19		1001.0	10/06/72	316.2	684.8	1101
				3/04/73	30.3	857.2						11/02/72	316.5	684.5	
				5/11/73	31.3	856.2						12/05/72	316.5	684.5	
				7/30/73	28.3	859.2						1/03/73	316.5	684.5	
				8/20/73	24.3	863.2						2/01/73	316.6	684.4	
02N/14W-18J02 S	19		924.5	12/05/72	65.2	859.3	1101					3/07/73	316.7	684.3	
				2/02/73	64.7	859.8						4/07/73	317.0	684.0	
				4/12/73	60.8	863.7						5/03/73	317.3	683.7	
02N/14W-18N01 S			940.0	2/22/73	194.6	745.4	1101					6/01/73	317.2	683.8	
				3/05/73	155.8	784.2		02N/15W-10A01 S	19		1051.1	7/09/73	317.3	683.7	
				4/03/73	127.8	812.2						8/02/73	316.9	684.1	
				5/03/73	158.9	781.1						9/04/73	317.3	683.7	
				6/01/73	191.6	748.4									
				7/02/73	200.0	740.0									
				8/02/73	209.1	730.9									
				9/04/73	173.7	766.3									
02N/14W-18N02 S			946.1	3/27/73	DRY		1101								
02N/14W-18N03 S			943.0	3/27/73	DRY		1101								
02N/14W-18N04 S			935.6	3/27/73	DRY		1101								
02N/14W-18N05 S	19		940.0	3/27/73	10.2	929.8	1101	02N/15W-13R01 S			941.0	3/27/73	DRY		1101
02N/14W-18N06 S	19		940.0	2/22/73	10.0	930.0	1101	02N/15W-16J02 S	19		913.4	3/27/73	59.7	853.7	1101
				3/05/73	44.6	895.4									
				4/12/73	47.0	893.0		02N/15W-16J03 S	19		914.5	3/27/73	17.7	896.8	1101
				5/03/73	89.8	850.2									
				6/01/73	97.2	842.8		02N/15W-16J05 S	19		918.2	10/06/72	239.7	678.5	1101
				7/02/73	110.9	829.1						11/02/72	239.9	678.3	
				8/02/73	116.2	823.8						12/05/72	240.1	678.1	
				9/04/73	78.0	902.0						1/03/73	240.5	677.7	
02N/14W-19D01 S			936.2	3/27/73	DRY		1101					2/01/73	240.3	677.9	
02N/14W-19H01 S	19		749.0	10/03/72	83.4	665.6	1200					3/07/73	238.9	679.1	
				11/07/72	85.5	663.5						4/03/73	222.4	695.4	
				12/05/72	86.9	662.1						5/03/73	216.6	701.6	
				1/02/73	88.1	660.9						6/01/73	222.6	695.6	
				2/13/73	88.8	660.2						7/09/73	229.5	688.7	
				3/06/73	85.6	663.4						8/07/73	232.6	685.6	
				4/03/73	66.7	682.3						9/07/73	236.3	681.9	
				5/01/73	52.9	696.1		02N/15W-16R01 S			902.0	10/06/72	260.0	642.0	1101
				6/05/73	47.8	701.2						11/02/72	262.5	639.5	
				7/03/73	50.4	698.6						12/05/72	262.9	639.1	
				8/07/73	54.6	694.4						1/03/73	265.1	636.9	
				9/04/73	57.9	691.1	1101					2/01/73	266.0	636.0	
02N/14W-19H02 S	19		906.0	11/15/72	273.1	632.9	1101					3/07/73	150.8	751.2	
				4/16/73	272.4	673.6						5/03/73	146.4	755.6	
02N/14W-22P01 S			1062.2	10/17/72	74.5	987.7	1200					6/01/73	147.9	754.1	
				11/17/72	74.9	987.3						7/09/73	148.6	753.4	
				12/19/72	75.2	987.0						8/02/73	158.9	743.1	
				1/19/73	75.4	986.8						9/04/73	229.1	672.9	
				2/20/73	NM-9			02N/15W-16R02 S			901.8	3/27/73	111.5	790.3	1101
				3/23/73	NM-9			02N/15W-16R03 S			903.0	3/27/73	DRY		1101
				4/26/73	NM-9										
				5/22/73	NM-9			02N/15W-18R01 S	19		943.0	10/18/72	226.8	716.2	1200
				6/19/73	NM-9							11/16/72	227.0	716.0	
				7/26/73	NM-9							12/14/72	227.3	715.7	
				8/23/73	NM-9							1/17/73	227.6	715.4	
				9/20/73	NM-9							2/22/73	227.7	715.3	
02N/14W-30A01 S	19		890.0	11/24/72	273.9	616.1	1101					3/16/73	228.0	715.0	
				4/14/73	256.5	633.5						4/11/73	228.6	714.4	
02N/14W-30A03 S	19		871.5	11/24/72	248.1	623.4	1101					5/16/73	228.6	714.4	
				4/14/73	249.3	622.2						6/13/73	228.8	714.2	
02N/15W-02J01 S				12/13/72	DRY		1101					7/12/73	228.9	714.1	
				4/12/73	DRY							8/16/73	229.0	714.0	
02N/15W-03P01 S			1111.2	10/04/72	67.9	1043.3	1101					9/17/73	229.4	713.6	
				11/02/72	68.0	1043.2		02N/15W-19K01 S			892.0	10/27/72	338.9	553.1	1200
				12/05/72	67.6	1043.6						11/30/72	340.2	551.4	
				1/03/73	69.7	1041.5						12/29/72	341.1	550.3	
				2/01/73	68.5	1042.7						1/26/73	340.2	551.8	
				3/06/73	67.7	1043.5						2/22/73	341.5	550.5	
				4/03/73	68.8	1042.4						3/22/73	337.1	554.9	
				5/03/73	68.7	1042.5						4/26/73	320.5	571.5	
				6/01/73	68.8	1042.4						5/24/73	321.9	570.1	
				7/09/73	68.8	1042.4						6/28/73	324.5	567.7	
				8/07/73	68.6	1042.6						7/26/73	324.6	565.4	
				9/04/73	68.5	1042.7						8/23/73	329.9	562.1	
02N/15W-04A01 S	19		1046.8	10/04/72	17.5	1029.3	1101					9/20/73	329.6	562.4	
				11/02/72	17.4	1029.4		02N/15W-19N01 S	19		842.0	1/09/73	133.2	709.0	1200
				12/05/72	17.6	1029.2						2/04/73	135.2	707.0	
				1/03/73	17.1	1029.7						3/04/73	135.2	707.0	
				2/01/73	17.5	1029.3						5/11/73	137.2	705.0	
				3/06/73	17.0	1029.8						7/31/73	130.2	712.0	
				4/03/73	16.6	1030.2						8/21/73	119.2	723.0	
				5/03/73	16.5	1030.3		02N/15W-21D01 S			878.9	10/27/72	305.9	573.0	1200
				6/01/73	16.3	1030.5						11/29/72	305.7	573.2	
												12/21/72	306.7	572.2	
												1/26/73	307.3	571.6	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
U-05 U-05.A U-05.B1								U-05 U-05.A U-05.B1							
02N/15W-21001 S (CONTINUED)			878.9	2/22/73	307.8	571.1	1200	02N/16W-20P01 S (CONTINUED)			867.0	4/11/73	74.5	792.5	1200
				3/22/73	307.8	571.1						5/17/73	74.1	788.9	
				4/20/73	307.6	571.3						6/09/73	75.7	791.3	1101
				5/25/73	305.4	573.5						7/12/73	70.9	796.1	1200
				6/22/73	304.6	574.3						8/15/73	70.9	796.1	
				7/26/73	303.9	575.0						9/13/73	71.4	795.6	
				8/23/73	303.6	575.3		02N/16W-21L01 S 19			873.3	11/30/72	75.2	798.1	1200
				9/21/73	303.7	575.2						4/19/73	75.7	797.6	
02N/15W-22401 S			908.5	10/06/72	348.7	559.8	1101	02N/16W-21P02 S			773.7	10/18/72	FLOW		1200
				11/02/72	349.2	559.3						11/20/72	FLOW		
				12/05/72	349.7	558.8						12/13/72	NW-1		
				1/03/73	349.7	558.8						1/18/73	FLOW		
				2/01/73	350.4	558.1						2/22/73	FLOW		
				3/07/73	350.5	558.0						3/15/73	FLOW		
				4/03/73	351.0	557.5						4/17/73	FLOW		
				5/03/73	348.7	559.8						5/16/73	FLOW		
				6/01/73	353.8	554.7						6/14/73	FLOW		
				7/09/73	347.4	561.1		02N/16W-25P01 S			782.7	10/18/72	73.6	709.1	1101
				8/02/73	346.9	561.6						11/15/72	73.7	709.0	
				9/04/73	347.4	561.1						12/14/72	73.8	708.9	
02N/15W-24401 S			929.6	3/27/73	DPY		1101					1/18/73	73.9	708.8	1200
02N/15W-24802 S			920.7	3/27/73	DPY		1101					2/22/73	74.0	708.7	
02N/15W-24801 S 19			918.9	10/27/72	258.5	660.4	1200					3/15/73	74.1	708.6	
				11/15/72	260.6	658.3	1101					4/12/73	74.0	708.7	
				12/29/72	262.9	656.0	1200					5/17/73	74.0	708.7	
				1/26/73	264.5	654.4						6/15/73	74.2	708.5	
				2/22/73	264.9	654.0						7/12/73	74.2	708.5	
				3/22/73	210.8	708.1						8/15/73	74.0	708.7	
				4/16/73	219.3	699.6	1101					9/13/73	74.5	708.2	
				5/24/73	209.9	709.0	1200	02N/16W-27F01 S 19			793.4	10/06/72	15.2	778.2	1101
				6/28/73	220.7	698.2						11/02/72	14.8	778.6	
				7/26/73	237.3	681.6						12/08/72	15.3	778.1	
				8/23/73	230.9	688.0						1/03/73	16.0	777.4	
				9/20/73	214.0	704.9						2/08/73	14.9	778.5	
02N/15W-24802 S			916.4	3/27/73	DPY		1101					3/06/73	13.5	774.9	
02N/15W-24J01 S 19			901.0	2/02/73	350.1	550.9	1101					4/05/73	13.7	774.7	
				4/12/73	306.0	595.0						5/04/73	13.7	779.7	
02N/15W-25L01 S 19			832.0	3/27/73	285.0(5)	547.0	1200					7/03/73	14.2	779.2	
				4/26/73	282.0(5)	550.0						8/07/73	13.2	780.3	
				5/24/73	283.0(5)	549.0						9/07/73	15.4	778.1	
				6/28/73	282.0(5)	550.0		02N/16W-27F02 S 19			801.9	10/18/72	20.4	781.0	1200
				7/26/73	280.0(5)	552.0						11/20/72	22.1	779.4	
				8/24/73	284.0(5)	548.0						1/18/73	22.6	779.3	
02N/15W-25P01 S 19			817.0	10/24/72	274.1	542.9	1200					2/22/73	20.1	781.8	
				11/21/72	274.4	542.6						3/15/73	19.9	782.0	
				12/10/72	274.3	542.7						4/16/73	19.9	782.0	
				1/16/73	274.3	542.7						5/16/73	19.9	782.0	
				2/11/73	274.5	542.5						6/13/73	20.1	781.8	
				3/13/73	274.1	542.9						7/19/73	20.4	781.5	
				4/17/73	272.8	544.2						8/16/73	20.5	781.4	
				5/15/73	271.9	545.1		02N/16W-27F03 S			1300.0	11/15/72	DPY		1101
				6/19/73	271.1	545.9						4/11/73	13.2	779.0	
				7/17/73	271.6	545.4		02N/16W-27G02 S 19			796.0	12/14/72	15.0	779.0	1200
				8/14/73	272.2	544.8						1/04/73	15.0	779.1	
				9/18/73	272.8	544.2						2/04/73	13.0	781.0	
02N/15W-27J01 S			818.2	10/27/72	262.6	555.6	1200					3/04/73	13.0	781.0	
				11/29/72	261.8	556.4						5/24/73	13.0	781.0	
				12/21/72	262.7	555.5						7/30/73	14.0	780.0	
				1/29/73	263.0	555.2						8/20/73	9.0	785.0	
				2/22/73	263.2	555.0		02N/16W-27G03 S 19			803.0	12/14/72	9.0	794.0	1200
				3/22/73	263.0	555.2						1/04/73	9.0	794.0	
				4/20/73	262.4	555.8						2/04/73	10.0	793.0	
				5/25/73	262.0	556.2						3/04/73	9.0	794.0	
				6/22/73	261.6	556.6						5/24/73	10.0	793.0	
				7/26/73	261.1	557.1						7/30/73	9.0	794.0	
				8/23/73	261.5	556.7						8/20/73	10.0	793.0	
				9/20/73	261.7	556.5		02N/16W-27H01 S 19			795.9	11/15/72	12.1	783.8	1101
02N/15W-28C01 S			837.2	11/22/72	DPY		1101					4/11/73	13.1	782.8	
				4/12/73	DPY			02N/16W-27L01 S 19			783.3	10/11/72	8.5	774.4	1200
02N/15W-29E01 S 19			817.0	10/18/72	218.2	598.8	1200					11/17/72	8.4	774.9	
				11/16/72	218.2	598.8						12/14/72	8.0	775.3	
				12/14/72	218.2	598.8						1/18/73	8.0	775.3	
				1/18/73	218.3	598.7						2/22/73	7.6	775.7	
				2/22/73	218.3	598.7						3/15/73	7.3	776.0	
				3/16/73	218.6	598.4						4/16/73	6.7	776.6	
				4/12/73	218.5	598.5						5/17/73	7.2	776.1	
				5/17/73	218.3	598.7						6/13/73	7.4	775.9	
				6/13/73	218.1	598.9						7/13/73	7.7	774.6	
				7/12/73	217.8	599.2						8/15/73	8.0	775.3	
				8/15/73	217.5	599.5						9/13/73	8.3	775.0	
				9/13/73	217.5	599.5		02N/16W-27P02 S			773.7	7/13/73	FLOW		1200
02N/16W-07001 S 19			1017.0	11/22/72	57.5	959.5	1101					8/15/73	FLOW		
				4/12/73	45.5	971.5						9/13/73	NW-1		
02N/16W-20R01 S			867.0	10/18/72	70.3	796.7	1200	02N/16W-27P03 S 19			773.3	10/06/72	12.3	761.0	1101
				11/16/72	71.8	795.2						11/02/72	12.2	761.1	
				12/13/72	73.0	794.0						12/08/72	11.9	761.4	
				1/17/73	73.8	793.2						2/08/73	11.2	762.1	
				2/23/73	73.1	793.9						3/06/73	11.0	762.3	
				3/15/73	74.5	792.5						4/05/73	11.0	762.3	
												5/04/73	11.1	762.2	

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1
02N/16W-27P03 S 19			773.3	7/03/73 8/07/73 9/07/73	11.7 11.7 11.8	761.6 761.6 761.5	1101	02N/16W-33H01 S			772.5	6/20/73 7/13/73 8/15/73 9/14/73	NM-0 DRY DRY DRY		1200
02N/16W-27P04 S 19			769.9	11/15/72 4/11/73	10.8 7.7	759.1 762.2	1101	02N/16W-33001 S			770.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	12.2 12.6 12.4 12.5 11.8 10.8 9.6 9.4 9.5 10.3 10.6 11.2	757.8 757.4 757.6 757.5 758.2 759.2 760.4 760.6 760.5 759.7 759.4 758.8	1200
02N/16W-27P05 S 19			771.5	11/15/72 4/11/73	12.0 10.9	759.5 760.6	1101	02N/16W-34D01 S 19			772.2	10/11/72 11/17/72 12/14/72 1/18/73 2/22/73 3/15/73 4/19/73 5/17/73 6/14/73 7/13/73 8/15/73 9/13/73	9.4 9.0 8.7 8.4 8.1 6.5 6.5 6.5 7.2 7.4 8.2 7.9	762.8 763.2 763.5 763.8 764.1 765.7 765.7 765.7 765.0 764.4 764.0 764.1	1200
02N/16W-28R02 S 19			830.3	11/30/72 4/19/73	35.4 35.6	794.9 794.7	1200	02N/16W-34G01 S 19			758.0	11/30/72 4/16/73	1.1 0.1	756.9 757.9	1200
02N/16W-28J03 S 19			799.5	10/11/72 11/17/72 12/14/72 1/18/73 2/23/73 3/16/73 4/13/73 5/17/73 6/13/73 7/19/73 8/15/73 9/14/73	14.2 14.5 14.3 14.5 14.2 14.1 13.9 13.6 13.5 13.8 14.0 14.3	785.3 785.0 785.2 785.0 785.3 785.4 785.6 785.9 786.0 785.7 785.5 785.2	1200	02N/16W-34G02 S			764.0 756.9	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/20/73 4/20/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	FLOW 0.0 NM-1 0.6 FLOW FLOW FLOW FLOW FLOW FLOW NM-1		1200
02N/16W-32F01 S			805.0	10/11/72 11/17/72 12/14/72 1/19/73 2/23/73 3/17/73 4/16/73 5/17/73 6/18/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/16W-34K02 S			750.3	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/20/73 4/20/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	FLOW 5.2 NM-1 4.0 FLOW FLOW FLOW FLOW FLOW FLOW NM-1		1200
02N/16W-32H01 S			800.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	DRY DRY DRY DRY 19.8 19.3 18.6 18.4 18.5 18.9 19.2 19.5	780.2 780.7 781.4 781.6 781.5 781.1 780.8 780.5	1200	02N/16W-34N01 S 19			755.0	10/11/72 11/17/72 12/14/72 1/17/73 2/23/73 3/20/73 4/19/73 5/17/73 6/20/73 7/13/73 8/15/73 9/13/73	12.5 12.5 12.2 12.3 11.8 11.5 11.2 11.0 11.0 11.0 11.3 11.6	742.6 742.5 742.8 742.7 743.2 743.5 743.8 744.0 744.0 744.0 743.7 743.4	1200
02N/16W-32N01 S			799.0	10/11/72 11/17/72 12/14/72 1/19/73 2/23/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/17W-12P05 S 19			984.0	11/22/72 4/11/73 8/08/73	16.9 14.4 14.8	967.1 964.6 964.2	1101
02N/16W-33G06 S			776.9	10/11/72 11/17/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/17W-12P06 S 19			979.0	11/22/72 4/11/73 8/08/73	15.8 14.6 14.5	963.2 964.4 964.5	1101
02N/16W-33G07 S 19			785.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	17.6 17.5 17.2 16.7 16.0 15.5 15.0 14.7 14.7 14.9 15.2 15.5	767.4 767.5 767.8 768.3 769.0 769.5 770.0 770.3 770.3 770.1 769.8 769.5	1200	02N/17W-12R07 S 19			977.0	11/22/72 4/11/73 8/08/73	13.6 13.4 14.2	963.4 963.8 962.8	1101
02N/16W-33G08 S 19			779.0	11/21/72 4/11/73	15.4 13.4	763.6 765.6	1101	02N/17W-13A01 S 19			970.5	9/07/73	12.8	957.7	1101
02N/16W-33H01 S			772.5	10/11/72 11/25/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73	DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/17W-13L01 S 19			946.0	11/22/72 4/11/73	8.8 4.1	937.2 941.9	1101
								02N/17W-14J01 S 56			1066.0	11/22/72 4/11/73	50.6 47.5	1015.4 1018.5	1101
								02N/17W-34P01 S 19			959.2	11/21/72 4/11/73	36.3 34.7	922.9 924.5	1101
								02N/17W-35J01 S			825.6	10/06/72 11/09/72 12/12/72 2/08/73 3/06/73 4/05/73	19.0 19.1 19.3 19.5 18.5 17.8	806.6 806.5 806.3 806.1 807.1 807.8	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.B U-05.B1
02N/17W-35J01 S (CONTINUED)			825.6	5/04/73 7/03/73 8/07/73 9/07/73	17.9 18.3 17.8 19.3	807.7 807.3 807.8 806.3	1101	01S/13W-04P03 S 19			366.8	10/27/72 11/29/72 12/27/72 1/31/73 2/23/73 3/29/73 4/27/73 5/30/73 6/26/73 7/24/73 8/29/73 9/25/73	35.1 34.8 34.7 34.4 33.5 32.9 32.7 33.5 46.2 56.1 65.4 69.6	331.7 332.0 332.1 332.4 333.3 333.9 334.1 331.1 320.6 310.7 301.4 297.2	1200
02N/17W-36R02 S 19			807.0	10/06/72 11/09/72 12/12/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/11/73 8/07/73 9/07/73	18.8 18.7 18.3 18.3 18.0 16.4 15.5 15.5 16.4 17.6 17.8	788.2 788.3 788.7 788.7 789.0 790.6 791.5 791.5 790.6 789.4 789.2	1101	01S/13W-10N01 S 19			335.2	10/27/72 11/28/72 12/27/72 1/31/73 2/23/73 3/29/73 4/24/73 5/30/73 6/26/73 7/31/73 8/29/73 9/25/73	21.8 21.8 21.8 21.7 21.3 21.4 21.5 21.4 21.6 21.3 21.5 22.5	313.4 313.4 313.4 313.5 313.9 313.8 313.7 313.8 313.6 313.9 313.7 312.7	1200
03N/15W-34P01 S 19			1130.3	11/27/72 4/13/73	55.1 51.8	1075.2 1078.5	1101	01S/13W-10P01 S 19			328.0	10/27/72 11/28/72 12/27/72 1/23/73 2/23/73 3/29/73 4/24/73 5/30/73 6/26/73 7/31/73 8/29/73 9/25/73	17.7 17.7 17.7 17.6 17.3 18.0 17.5 17.6 17.6 17.4 17.7 17.9	310.3 310.3 310.3 310.4 310.7 310.0 310.4 310.4 310.4 310.4 310.4 310.1	1200
03N/15W-35M01 S 19			1209.4	6/15/73	59.9	1149.5	1101	SYLMAR HYDRO SUBAREA							U-05.B2
03N/15W-36E01 S			1230.8	10/04/72 11/02/72 12/05/72 1/12/73 2/01/73 3/06/73 4/03/73 5/03/73 6/01/73 7/09/73 8/02/73 9/05/73	27.9 27.9 26.5 27.0 25.9 14.8 13.7 16.6 19.2 22.4 23.7 25.5	1202.9 1202.9 1204.3 1203.8 1204.9 1216.0 1217.1 1214.2 1211.6 1208.4 1207.1 1205.3	1101	02N/15W-04R02 S 19			1130.0	10/26/72 11/22/72 12/29/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	52.9 50.1 46.7 44.7 54.7 61.0 66.6 68.2 70.3 70.4 71.4 72.7	1077.1 1079.9 1083.3 1085.3 1075.3 1064.0 1063.4 1061.4 1059.7 1059.2 1054.6 1057.3	1200
01S/13W-04R01 S 19			409.4	11/22/72 4/05/73	48.4 74.1(4)	341.0 335.3	1101	02N/15W-04R03 S 19			1143.2	10/26/72 11/22/72 12/29/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/26/73 7/26/73 8/29/73 9/27/73	63.3 61.4 58.8 57.0 58.6 62.6 62.3 63.8 65.3 66.2 67.5 68.7	1079.4 1081.4 1084.4 1086.2 1084.6 1080.6 1080.9 1079.4 1077.9 1077.0 1075.7 1074.5	1200
01S/13W-04E01 S 19			394.8	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	51.4 51.1 51.1 51.1 50.9 50.3 50.0 50.6 50.3 50.0 50.3 50.7	343.4 343.7 343.7 343.7 343.9 344.5 344.8 344.2 344.5 344.8 344.5 344.1	1200	02N/15W-04R09 S 19			1130.5	10/26/72 11/22/72 12/29/72 1/26/73	57.2 52.4 47.3 46.0	1073.3 1076.1 1083.2 1084.5	1200
01S/13W-04J01 S 19			373.7	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/26/73 7/26/73 8/29/73 9/27/73	43.0 42.8 42.7 42.5 41.4 41.1 40.9 43.0 49.8 49.0 67.2 71.8	330.7 330.9 331.0 331.2 332.3 332.6 332.8 330.7 323.9 324.7 306.5 301.9	1200	03N/15W-20R01 S 19			1428.1	12/05/72 1/12/73 2/01/73 3/06/73 4/03/73 5/03/73 6/13/73 7/09/73	128.7 126.7 126.7 126.4 136.0 126.7 136.9(4) 134.9	1299.4 1301.4 1301.4 1301.7 1292.1 1301.4 1291.2 1293.2	1101
01S/13W-04K01 S 19			381.1	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	49.8 49.3 49.5 49.1 48.1 48.3 47.4 48.0	331.3 331.8 331.6 332.0 333.0 332.8 333.7 333.1	1200	03N/15W-25R01 S 19			1390.8	11/22/72 12/21/72 4/12/73	224.1 225.2 216.3	1166.7 1165.6 1174.5	1101
01S/13W-04L03 S 19			381.2	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	50.7 49.4 49.2 49.2 48.4 47.7 47.5 48.2	330.5 331.8 332.0 332.0 332.8 333.5 333.7 333.0	1200	03N/15W-27L01 S 19			1300.4	10/26/72 11/22/72 12/29/72 1/26/73 2/22/73 3/22/73 4/26/73 5/25/73 6/28/73 7/26/73 8/23/73 9/20/73	165.3 165.0 165.3 165.2 165.4 165.5 165.3 165.5 165.4 165.2 165.5	1135.1 1135.4 1135.1 1135.2 1135.0 1134.9 1135.1 1135.0 1135.2 1134.9	1200
01S/13W-04L08 S 19			366.4	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	34.9 34.7 34.7 34.5 33.3 32.9 32.9 33.2	331.5 331.7 331.7 331.9 333.1 333.5 333.5 333.2	1200	03N/15W-29L01 S 19			1267.1	11/22/72 4/25/73	17.5 18.6	1249.6 1248.5	1200
01S/13W-04P01 S 19			367.4	11/29/72 12/27/72 1/31/73 2/29/73 3/24/73 4/24/73 5/30/73 6/26/73 7/24/73 8/29/73 9/25/73	35.8 35.3 35.3 34.6 33.9 34.0 35.9 42.3 51.9 62.9 65.5	331.6 332.1 331.9 332.8 333.5 333.4 331.5 325.1 315.5 304.5 301.9	1200	03N/15W-33E01 S 19			1188.9	10/26/72	100.1	1088.8	1200

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SYLMAR HYDRO SUBAREA							U-05 U-05.B U-05.B2	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT TUIJUNGA HYDRO SUBAREA							U-05 U-05.B U-05.B3
03N/15W-33E01 S 19			1188.9	11/22/72	99.4	1089.5	1200	02N/14W-10R02 S 19			1215.0	5/24/73	21.3	1193.7	1200
(CONTINUED)				12/29/72	98.0	1090.9		(CONTINUED)				6/28/73	23.0	1192.0	
				1/26/73	96.8	1092.1						7/26/73	26.3	1188.7	
				2/22/73	96.1	1092.8						8/23/73	28.5	1186.5	
				3/22/73	96.2	1092.7						9/20/73	30.3	1184.7	
				4/25/73	97.3	1091.6									
				5/25/73	98.8	1090.1		02N/14W-11K01 S 19			1285.5	11/17/72	34.2	1251.3	1200
				6/28/73	99.9	1089.0						4/22/73	29.0	1256.5	
				7/26/73	101.1	1087.8		02N/14W-11N03 S 19			1242.5	11/22/72	14.1	1228.4	1101
				8/23/73	102.4	1086.5						4/12/73	4.8	1237.7	
				9/20/73	103.3	1085.6		02N/14W-11P01 S 19			1267.2	10/17/72	30.0	1237.2	1200
03N/15W-33M01 S 19			1158.4	4/12/73	75.2	1083.2	1101					11/17/72	29.0	1238.2	
03N/15W-34A01 S 19			1244.0	11/27/72	149.8	1074.2	1101					12/19/72	28.1	1239.1	
				4/13/73	171.1 (4)	1072.9						1/23/73	27.3	1239.9	
03N/15W-34R01 S 19			1222.5	11/27/72	149.2	1073.3	1101					2/20/73	22.6	1244.6	
				4/13/73	NM-6							3/23/73	18.5	1248.7	
03N/15W-34C01 S 19			1237.0	11/27/72	162.9	1074.1	1101					4/22/73	19.6	1247.6	
03N/15W-34K03 S			1154.5	11/02/72	NM-1		1200					5/24/73	22.0	1245.2	
				4/26/73	NM-1							6/19/73	23.8	1243.4	
03N/15W-34P06 S 19			1130.3	11/22/72	54.2	1076.1	1101					7/24/73	26.7	1240.5	
				4/13/73	51.2	1079.1		02N/14W-11P02 S 19			1316.7	8/21/73	27.4	1239.8	
03N/15W-34P07 S 19			1125.4	11/27/72	47.2	1078.2	1101					9/18/73	25.5	1241.7	
				4/13/73	44.0	1081.4						10/17/72	19.5	1297.2	1200
03N/15W-34P10 S 19			1133.0	10/04/72	61.2	1071.8	1101					11/17/72	19.4	1297.3	
				11/02/72	60.4	1072.6						12/19/72	19.4	1297.3	
				12/05/72	59.4	1073.6						1/23/73	19.2	1297.5	
				1/03/73	60.5	1072.5						2/20/73	17.9	1298.4	
				2/01/73	54.4	1078.6						3/23/73	17.5	1299.2	
				3/06/73	53.9	1079.1						4/22/73	17.8	1298.9	
				4/03/73	60.2	1072.8						5/24/73	18.2	1298.4	
				5/03/73	65.0	1068.0						6/19/73	18.5	1298.2	
				6/01/73	58.5	1074.5		02N/14W-11001 S 19			1326.9	7/24/73	18.8	1297.9	
				7/09/73	61.2	1071.8						8/21/73	18.9	1297.8	
				8/02/73	61.9	1071.1						9/18/73	18.7	1298.0	
				9/04/73	66.5	1066.5						10/17/72	68.1	1258.8	1200
03N/15W-36C01 S			1280.5	11/15/72	48.6	1231.9	1101					11/17/72	68.0	1258.9	
				4/26/73	48.5	1232.0	1200					12/19/72	67.6	1259.3	
03N/15W-36F03 S 19			1235.0	12/14/72	21.3	1213.7	1101					1/23/73	67.8	1259.1	
				4/12/73	18.2	1216.8						2/20/73	65.7	1261.2	
TUIJUNGA HYDRO SUBAREA							U-05.B3					3/23/73	61.7	1266.2	
02N/13W-18N01 S			1796.2	10/17/72	332.7	1463.5	1200					4/22/73	60.7	1265.2	
				11/17/72	332.9	1463.3						5/24/73	61.7	1265.2	
				12/19/72	333.6	1462.6						6/19/73	62.7	1264.2	
				1/23/73	334.1	1462.1						7/24/73	64.7	1262.2	
				2/20/73	334.6	1461.6						8/21/73	63.4	1263.5	
				3/23/73	334.9	1461.3						9/18/73	64.5	1262.4	
				4/22/73	334.8	1461.4		02N/14W-12C02 S 19			1356.1	10/17/72	9.6	1346.5	1200
				5/24/73	335.4	1460.8						11/17/72	10.8	1345.3	
				6/19/73	336.2	1460.0						12/19/72	12.4	1343.7	
				7/24/73	336.9	1459.3						1/23/73	9.0	1347.1	
				8/21/73	337.4	1458.8						2/20/73	8.4	1347.8	
				9/18/73	337.7	1458.5						3/23/73	8.3	1347.3	
02N/14W-05L01 S 19			1141.0	11/22/72	5.8	1135.2	1101					4/22/73	8.8	1347.0	
				4/12/73	3.8	1137.2						5/24/73	8.1	1348.0	
02N/14W-06J01 S			1204.2	12/01/72	NM-3		1200					6/19/73	9.4	1346.7	
				4/26/73	NM-3							7/24/73	10.0	1346.1	
02N/14W-09E01 S			1098.6	12/01/72	42.8	1055.8	1200					8/21/73	5.0 (1)	1351.1	
				4/26/73	33.3	1065.3						9/18/73	5.0 (1)	1351.1	
02N/14W-09H01 S			1164.0	10/26/72	53.4	1110.6	1200					10/17/72	60.7	1393.3	1200
				11/21/72	53.2	1110.8						11/17/72	60.7	1393.3	
				12/29/72	52.4	1111.6						12/19/72	61.1	1392.4	
				1/26/73	52.2	1111.8						1/23/73	61.4	1392.6	
				2/23/73	41.3	1122.7						2/20/73	61.3	1392.7	
				3/22/73	40.6	1123.4						3/23/73	61.3	1392.7	
				4/26/73	42.8	1121.2						4/22/73	61.2	1392.8	
				5/24/73	44.7	1119.3						5/24/73	61.2	1392.8	
				6/28/73	47.2	1116.8						6/19/73	61.3	1392.7	
				7/26/73	48.4	1115.6						7/24/73	61.3	1392.7	
				8/23/73	46.6	1117.4						8/21/73	61.5	1392.5	
				9/20/73	45.4	1118.6						9/18/73	61.5	1392.5	
02N/14W-10F01 S 19			1192.6	11/21/72	50.8	1141.8	1200					10/17/72	64.2	1392.2	1200
				4/26/73	35.8	1156.8						4/22/73	64.6	1391.8	
02N/14W-10N01 S 19			1152.1	11/22/72	46.0	1106.1	1101					11/17/72	21.1	1380.9	1200
				4/12/73	41.5	1110.6						4/23/73	21.1	1380.9	
02N/14W-10R01 S			1222.7	11/21/72	NM-6		1200					10/26/72	FLOW		1101
02N/14W-10R02 S 19			1215.0	10/26/72	32.3	1182.7	1200					11/24/72	FLOW		
				11/26/72	31.5	1183.5						1/09/73	FLOW		
				12/29/72	30.9	1184.1						2/22/73	FLOW		
				1/26/73	29.9	1185.1						3/05/73	FLOW		
				2/23/73	23.8	1191.2						4/04/73	FLOW		
				3/22/73	18.2	1196.8						5/07/73	FLOW		
				4/26/73	19.1	1195.9						6/01/73	FLOW		
												7/11/73	FLOW		
												8/20/73	FLOW		
												9/04/73	FLOW		

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT TUJUNGA HYDRO SUBAREA							U-05 U-05.8 U-05.83	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT VERDUGO HYDRO SUBAREA							U-05 U-05.8 U-05.84	
02N/14W-14C04 S 19			1325.3	11/17/72 4/22/73	5.8 5.0	1319.5 1320.3	1200	01N/13W-15R01 S 19			851.5	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/14/73 4/25/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	11.8 11.7 12.0 12.4 12.4 11.4 11.7 12.4 12.2 12.2 12.4 12.6	839.7 839.8 839.5 839.1 839.1 839.9 839.8 839.1 839.3 839.3 839.1 838.9	1101	
02N/14W-14G01 S 19			1372.0	11/17/72 4/22/73	24.0 22.9	1348.0 1349.1	1200									
02N/14W-14H02 S 19			1415.7	10/17/72 11/17/72 12/19/72 1/23/73 2/20/73 3/23/73 4/22/73 5/24/73 6/19/73 7/24/73 8/21/73 9/18/73	33.3 33.2 33.6 33.9 33.6 33.5 33.3 33.3 33.4 33.4 32.5 33.5	1382.4 1382.5 1382.1 1381.8 1382.1 1382.2 1382.4 1382.4 1382.3 1382.3 1383.2 1382.2	1200									
VERDUGO HYDRO SUBAREA							U-05.84									
01N/13W-03D05 S 19			1160.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	83.4 91.7(1) 87.5 81.1 77.6 85.7 89.3 91.1(1) 106.8(1) 83.9 92.1(1) 92.1(1)	1076.6 1068.3 1072.5 1078.9 1082.4 1074.3 1070.7 1068.9 1053.2 1076.1 1067.9 1067.9	1101									
01N/13W-03G01 S			1170.0	12/07/72 4/11/73	DPY NM-3		1101									
01N/13W-05D01 S			399.7	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/30/73 6/27/73 7/26/73 8/29/73 9/26/73	24.1 24.4 24.9 25.2 24.4 24.0 24.1 24.0 24.2 24.0 23.9 24.0	375.6 375.3 374.8 374.5 375.3 375.7 375.6 375.7 375.5 375.7 375.8 375.7	1200									
01N/13W-10F01 S 19			964.7	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 27.7 27.7(6) 27.7(6)	936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7	1101									
01N/13W-10F02 S 19			964.5	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/11/73 8/08/73 9/05/73	24.3 25.1 25.8 27.6 27.4 26.2 25.8 25.6 25.7 26.2 26.8 26.7	940.2 939.4 938.7 936.9 937.1 938.3 938.7 938.9 938.8 938.3 937.7 937.8	1101									
01N/13W-10F03 S 19			966.0	10/04/72 11/01/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/23/73 6/20/73 7/11/73 8/08/73 9/05/73	64.9(1) 64.9(1) 64.9(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 64.9(1) 64.9(1)	901.1 901.1 901.1 880.4 880.4 880.4 880.4 880.4 880.4 880.4 901.1 901.1	1101									
01N/13W-10G01 S 19			884.9	10/04/72 11/01/72 12/06/72 1/17/73 2/07/73 3/14/73 4/25/73 5/02/73 6/27/73 7/11/73 8/08/73 9/05/73	12.5 12.1 13.3 14.8 13.9 12.7 12.8 14.2 13.3 13.4 13.7 13.9	872.4 872.8 871.6 870.1 871.0 872.2 872.1 870.7 871.6 871.5 871.2 871.0	1101									
								01N/13W-15R02 S 19			846.7	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/07/73 4/25/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	5.2 5.2 5.5 5.8 5.8 5.4 5.5 5.4 5.8 5.8 5.9 5.9	941.5 941.5 941.2 940.9 940.9 941.1 941.2 941.1 940.9 940.9 940.4 940.4	1101	
								01N/13W-15R03 S 19			831.5	10/04/72 11/01/72 12/06/72 1/10/73 2/01/73 3/28/73 4/25/73 5/13/73 6/13/73 7/11/73 8/08/73 9/05/73	5.3 5.5 5.6 5.9 5.8 5.4 5.6 5.7 5.8 5.9 5.9 6.0	926.2 926.0 925.4 925.6 925.7 926.1 925.4 925.8 925.7 925.6 925.6 925.4	1101	
								01N/13W-15R04 S 19			815.2	10/04/72 11/01/72 12/06/72 1/10/73 2/01/73 3/28/73 4/25/73 5/13/73 6/13/73 7/11/73 8/08/73 9/05/73	4.2 4.2 4.2 4.4 4.1 4.1 4.3 4.3 4.4 4.4 4.6 4.7	811.0 811.0 811.0 810.8 811.1 811.1 810.9 810.9 810.8 810.8 810.6 810.5	1101	
								01N/13W-15R05 S 19			826.1	10/04/72 11/01/72 12/06/72 1/24/73 2/14/73 3/28/73 4/04/73 5/02/73 6/20/73 7/11/73 8/08/73 9/05/73	9.4 9.8 7.9 8.2 8.8 7.3 8.5 9.3 9.8 9.8 10.0 10.1	816.7 816.4 818.2 817.4 817.3 818.4 817.6 816.8 816.3 816.1 816.1 816.0	1101	
								02N/13W-20F02 S 19			517.0	5/04/73	182.6(4)	334.4	1101	
								02N/13W-28N01 S 19			1413.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	61.4 61.7 63.6 59.4(5) 62.3 55.4 61.2(1) 65.2 70.0 69.5 64.2	1351.4 1349.3 1349.4 1353.6 1350.7 1357.6 1351.4 1347.8 1343.0 1343.5 1348.8	1101	
								02N/13W-29F01 S 19			1590.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	39.0 32.8 33.1 37.0(5) 32.5 30.6 30.2 29.2(1) 29.8 30.6 30.0 29.0	1551.0 1557.2 1556.9 1553.0 1557.5 1559.4 1559.4 1560.4 1560.2 1559.4 1560.0 1561.0	1101	
								02N/13W-29R01 S 19			1435.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73	43.0(1) 49.0(1) 49.5(1) 32.0(5) 30.6 31.6 32.0(5) 53.8(1) 56.9(1)	1392.0 1386.0 1385.5 1403.0 1404.4 1403.4 1403.0 1381.2 1378.1	1101	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT VERBUGO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA							
U-05 U-05.B U-05.B4								U-05 U-05.C U-05.C1							
02N/13W-29R01 S 19			1435.0	8/31/73	57.0(1)	1378.0	1101	01N/11W-07W01 S 19			1442.7	4/06/73	14.4	1428.3	5050
(CONTINUED)				9/30/73	44.0(1)	1391.0		01N/11W-07N01 S 19			1340.0	4/06/73	120.5	1219.5	5050
02N/13W-29R02 S 19			1435.0	11/30/72	49.5(1)	1385.5	1101	01N/11W-07N02 S 19			1330.0	4/06/73	169.2	1160.8	5050
				4/12/73	39.9(2)	1395.1		01N/11W-18C01 S 19			1189.0	4/06/73	64.2	1124.8	5050
02N/13W-33C01 S 19			1374.0	10/29/72	74.0(1)	1300.0	1101	01N/11W-29L03 S 19			523.0	4/17/73	0.9	522.1	5050
				11/27/72	72.4(1)	1301.6		01N/11W-29W01 S 19			569.0	10/04/72	113.0(5)	456.0	5062
				12/31/72	66.0	1308.0						11/01/72	115.0(5)	454.0	
				1/31/73	65.1	1308.9						12/06/72	80.0(5)	489.0	
				2/28/73	62.1	1311.9						1/04/73	77.0(5)	492.0	
				3/31/73	77.6(1)	1296.4						2/07/73	66.0(5)	503.0	
				4/30/73	78.5(5)	1295.5						3/07/73	62.0(5)	507.0	
				5/31/73	69.9(1)	1304.1						4/04/73	61.0(5)	508.0	
				6/30/73	84.7(1)	1289.3						5/02/73	104.0(5)	465.0	
				7/31/73	89.2(1)	1284.8						6/06/73	112.0(5)	457.0	
				8/31/73	89.4(1)	1284.6						7/05/73	104.0(5)	465.0	
				9/30/73	78.0(1)	1296.0						8/01/73	117.0(5)	452.0	
02N/13W-33C03 S 19			1350.0	11/15/72	67.8(1)	1282.2	1101					9/05/73	117.0(5)	452.0	
				4/12/73	67.2(4)	1282.8		01N/11W-30W04 S 19			701.0	10/20/72	218.0(5)	483.0	5062
02N/13W-33C05 S 19			1341.0	12/07/72	45.0	1296.0	1101					12/29/72	225.0(5)	476.0	
				4/11/73	43.7	1297.3						1/31/73	230.0(5)	471.0	
02N/13W-33C06 S 19			1350.0	11/10/72	75.7(5)	1274.3	1101					2/22/73	225.0(5)	476.0	
				4/12/73	86.9	1263.1						3/27/73	225.0(5)	476.0	
02N/13W-33G01 S 19			1300.0	10/29/72	80.8(1)	1219.2	1101					4/06/73	225.0(5)	476.0	
				11/27/72	76.8(1)	1223.2						5/10/73	225.0(5)	476.0	
				12/31/72	66.0	1234.0						6/14/73	234.0(5)	467.0	
				1/31/73	59.6(5)	1240.4						7/19/73	235.0	466.0	
				2/28/73	56.1	1243.9						8/30/73	NM-1		
				3/31/73	58.0	1242.0						9/20/73	NM-1		
				4/30/73	76.3(1)	1223.7		01N/11W-30J01 S 19			600.6	11/01/72	211.4(1)	369.2	5062
				5/31/73	65.5(1)	1234.5						12/01/72	134.4(5)	466.2	
				6/30/73	86.7	1213.3						1/01/73	178.4(1)	422.2	
				7/31/73	91.5	1208.5						2/01/73	110.4(5)	490.2	
				8/31/73	93.6	1206.4						3/01/73	176.4(1)	424.2	
				9/30/73	75.4	1224.6						4/01/73	114.4(5)	466.2	
02N/13W-33R01 S 19			1237.0	10/29/72	85.8	1151.2	1101					5/01/73	205.4(1)	395.2	
				11/27/72	85.8(1)	1151.2						6/01/73	147.4(5)	453.2	
				12/31/72	116.5(5)	1120.5						7/01/73	159.4(5)	441.2	
				1/31/73	91.5(5)	1145.5						8/01/73	140.4(5)	440.2	
				2/28/73	84.6	1152.4						9/01/73	164.4(5)	436.2	
				3/31/73	117.9(1)	1119.1		01N/11W-30K01 S 19			634.0	11/01/72	163.2(5)	470.8	5062
				4/30/73	85.5(1)	1151.5						12/01/72	148.2(5)	485.8	
				5/31/73	92.5	1144.5						1/01/73	143.2(5)	490.8	
				6/30/73	120.2	1116.8						2/01/73	134.2(5)	499.8	
				7/31/73	131.6(1)	1105.4						3/01/73	139.2(5)	494.8	
				8/31/73	111.5(1)	1105.5						4/01/73	165.2(1)	468.8	
				9/30/73	131.5(1)	1105.5						5/01/73	153.2(5)	480.8	
02N/13W-33R03 S 19			1224.5	10/31/72	71.8(5)	1152.7	1101					6/01/73	153.2(5)	480.8	
				11/31/72	70.5(5)	1154.0						7/01/73	195.2(1)	438.8	
				12/31/72	70.4(5)	1154.1						8/01/73	197.2(1)	436.8	
				1/31/73	72.6(5)	1151.9						9/01/73	171.2(5)	462.8	
				2/28/73	57.6(5)	1166.9		01N/11W-30Q01 S 19			603.6	11/01/72	85.0	518.6	5062
				3/31/73	54.8(5)	1169.7						12/01/72	84.0	519.6	
				4/30/73	54.3(5)	1170.2						1/01/73	75.0(7)	528.6	
				5/30/73	74.1(1)	1150.4						2/01/73	86.0	517.6	
				6/30/73	77.6(1)	1146.9						3/01/73	85.0	518.6	
				7/30/73	54.3(5)	1170.2						4/01/73	85.0	518.6	
				8/30/73	72.8(5)	1151.7						5/01/73	86.0	517.6	
				9/30/73	77.7(5)	1146.8						6/01/73	86.0	517.6	
02N/13W-33R07 S 19			1232.0	10/29/72	79.5(1)	1152.5	1101					7/01/73	86.0	517.6	
				11/27/72	81.1(1)	1150.9						8/01/73	97.0	506.6	
				12/31/72	79.8	1152.2						9/01/73	98.0	505.6	
				1/31/73	76.9	1155.1		01N/11W-30Q02 S 19			601.2	11/01/72	99.0(5)	502.2	5062
				2/28/73	73.2	1158.8						12/01/72	95.0(5)	506.2	
				3/31/73	66.3	1165.7						1/01/73	NM-0		
				4/30/73	66.5(1)	1165.5						2/01/73	NM-0		
				5/31/73	100.7	1131.3						3/01/73	NM-0		
				6/30/73	103.1	1128.9						4/01/73	NM-0		
				7/31/73	101.4	1130.6						5/01/73	NM-9		
				8/31/73	107.5	1124.5						6/01/73	NM-0		
				9/30/73	92.0	1140.0						7/01/73	NM-0		
02N/13W-34P01 S 19			1323.0	12/07/72	104.0(3)	1219.0	1101					9/01/73	NM-0		
				4/11/73	113.0	1210.0		01N/11W-30Q03 S 19			580.0	11/01/72	100.0(5)	480.0	5062
EAGLE ROCK HYDRO SUBAREA								U-05.B5							
01N/13W-34R01 S 19			519.9	10/27/72	186.0	333.9	1200					12/01/72	85.0(5)	495.0	
				11/29/72	184.8	335.1						1/01/73	83.0(5)	497.0	
				12/26/72	184.4	335.5						2/01/73	73.0(5)	507.0	
				1/26/73	183.7	336.2						4/06/73	NM-9		5050
				2/21/73	183.3	336.6						7/01/73	107.0(5)	473.0	5062
				3/30/73	183.3	336.6						8/01/73	107.0(5)	473.0	
				4/27/73	183.3	336.6						9/01/73	106.0(5)	474.0	
				5/24/73	183.3	336.6		01N/11W-31D01 S 19			596.0	12/19/72	112.6	483.4	1101
				6/27/73	184.7	335.2						4/11/73	102.9	493.1	
				7/27/73	184.0	335.9		01N/11W-31D02 S 19			590.0	4/06/73	104.2	485.8	5050
				8/29/73	183.3	336.6		01N/12W-07C01 S 19			1173.0	4/06/73	123.7	1049.3	5050
				9/27/73	186.5	333.4		01N/12W-09R01 S 19			1109.3	10/30/72	180.8	928.5	5062
												11/29/72	217.2(1)	892.1	
												12/31/72	217.4(1)	891.9	
												1/31/73	180.3	929.0	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA							U-05 U-05.C U-05.C1	LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA							U-05 U-05.C U-05.C1
01N/12W-09R01 S 19 (CONTINUED)			1109.3	2/28/73 3/31/73 4/06/73 5/31/73 6/30/73 8/30/73 9/30/73	223.5(1) 213.7(1) 179.9 180.0 202.8 183.0 183.0	885.8 895.6 929.4 929.3 906.5 926.3 926.3	5062	01N/12W-25E01 S 19 (CONTINUED)			719.8	3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	212.0(5) 215.0(5) 219.0(5) 222.0(5) 227.0(5) 226.0(5) 225.0(5)	507.8 504.8 500.8 497.8 492.8 493.8 494.8	1101
01N/12W-10G01 S				4/06/73	NM-7		5050	01N/12W-25G01 S 19			698.8	4/06/73	194.3	504.5	5050
01N/12W-10H01 S 19			1272.0	12/07/72 4/11/73	195.0 195.5	1077.0 1076.5	1101	01N/12W-25L01 S 19			683.0	4/06/73	184.4	498.6	5050
01N/12W-11F01 S				4/06/73	NM-7		5050	01N/12W-25L02 S 19			674.5	4/06/73	176.6	497.9	5050
01N/12W-11G01 S				4/06/73	NM-7		5050	01N/12W-25R02 S 19			634.0	4/06/73	136.9	497.1	5050
01N/12W-11J01 S			1115.0	4/06/73	13.3	1101.7	5050	01N/12W-26A01 S 19			754.6	10/05/72 11/20/72 12/06/72 1/10/73 2/13/73 3/12/73 4/04/73 5/02/73 6/12/73 7/09/73 8/08/73 9/13/73	254.0(5) 255.0(5) 307.0(1) 254.0(5) 252.0(5) 250.0(5) 300.0(1) 258.0(5) 261.0(5) 327.0(1) 323.0(1) 318.0(1)	500.6 499.6 447.6 500.6 502.6 504.6 454.6 496.6 493.6 427.6 431.6 436.6	5062
01N/12W-11N03 S			1173.2	4/06/73	NM-7		5050	01N/12W-26C01 S 19			791.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	289.5(5) 289.5(5) 291.8(5) 287.2(5) 284.9(5) 284.9(5) 282.5(5) 287.2(5) 287.2(5) 289.5 289.5(5) 289.5(5)	501.5 501.5 499.2 503.8 506.1 506.1 508.5 503.8 503.8 501.5 501.5 501.5	5062
01N/12W-13C01 S 19			958.0	4/06/73	18.3	939.7	5050	01N/12W-26R01 S 19			681.6	4/05/73	196.7(1)	484.9	5050
01N/12W-13F03 S 19			964.6	4/06/73	231.5	733.1	5050	01N/12W-28N01 S 19			793.9	4/06/73	191.8	602.1	5050
01N/12W-20A01 S 19			934.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	321.4(5) 319.1(5) 321.4(5) 319.1(5) 321.4(5) 321.4(5) 321.4(5) 316.8(5) 312.2(5) 309.9 309.9(5) 312.2(5)	613.1 615.4 613.1 615.4 613.1 613.1 613.1 617.7 622.3 624.6 624.6 622.3	5062	01N/12W-28R01 S			776.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-7 NM-0 NM-7		5062
01N/12W-20R01 S 19			916.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	303.5(5) 301.1(5) 301.1(5) 303.5(5) 296.5(5) 296.5(5) 296.5(5) 296.5(5) 294.2(5) 281.9 281.9(5) 289.6(5)	613.0 615.4 615.4 613.0 620.0 620.0 620.0 620.0 622.3 634.6 634.6 626.9	5062	01N/12W-33F01 S 19			757.8	4/06/73	162.8	595.0	5050
01N/12W-21K01 S 19			898.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	287.6(5) 291.1(5) 287.6(5) 283.0(5) 283.0(5) 283.0(5) 280.7(5) 280.7(5) 278.4(5) 276.0 273.7(5) 273.7(5)	610.4 606.9 610.4 615.0 615.0 615.0 617.3 617.3 619.6 622.0 624.3 624.3	5062	01N/12W-33F02 S 19			756.5	4/06/73	147.6	608.9	5050
01N/12W-21K02 S 19			889.4	10/20/72 9/20/73	273.3(5) 268.2	616.1 621.2	5062	01N/12W-33G01 S 19			749.9 750.0 749.9 750.0 749.9 750.0 749.9 750.0	10/20/72 11/24/72 12/28/72 1/09/73 2/22/73 3/05/73 4/03/73 5/10/73 6/14/73 7/19/73 8/30/73 9/12/73	151.8 151.4 151.2 151.1 150.8 150.8 150.4 150.2 154.0 149.7 149.3 149.2	598.1 598.6 598.7 598.9 599.1 599.2 599.4 599.7 595.9 600.2 600.8 600.8	5062
01N/12W-23G01 S 19			878.0	10/20/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	375.0(5) 372.0(5) 369.0(5) 375.0(5) 375.0(5) 364.5(5) 369.0(5) 369.0(5) 371.0 371.0(5) 371.0(5)	503.0 506.0 509.0 503.0 503.0 513.5 509.0 509.0 507.0 507.0 507.0	5062	01N/12W-33M01 S			748.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7		5062
01N/12W-24R02 S			775.6	12/05/72 4/11/73	NM-7 NM-9		1101	01N/12W-33R01 S			689.0	4/06/73	NM-9		5050
01N/12W-24R04 S			775.7	12/05/72 4/06/73	NM-7 NM-9		1101 5050	01N/12W-34A01 S 19			736.8	4/06/73	227.4	508.6	5050
01N/12W-25A01 S 19			698.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73	196.7 196.7 NM-7 NM-7 NM-6	501.3 501.3	5062	01N/12W-34C01 S 19			725.8	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73	229.8(5) 222.8(5) 215.8(5) 221.8(5) 213.8(5) 198.8(5) 194.8(5) 209.8(5) 224.8(5)	496.0 503.0 510.0 504.0 512.0 527.0 531.0 516.0 501.0	1101
01N/12W-25B01 S 19			710.2	5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	230.5(5) NM-1 NM-7 NM-1 NM-1	479.7	5062								
01N/12W-25F01 S 19			719.8	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73	223.0(5) 223.0(5) 221.0(5) 219.0(5) 216.0(5)	496.8 496.8 498.8 500.8 503.8	1101								

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**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT MONK HILL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT SANTA ANITA HYDRO SUBAREA							
							U-05 U-05.C U-05.C2								U-05 U-05.C U-05.C3
01N/12W-08H02 S 19			1155.0	9/04/73	217.0	938.0	5062	01N/11W-21C02 S 19			702.0	10/31/72	273.1(1)	428.9	5062
01N/12W-08H03 S 19			1152.0	10/31/72	225.6(1)	926.4	5062					11/30/72	277.9	424.1	
				11/30/72	209.9	942.1						12/27/72	228.5	473.5	
				12/31/72	211.7	940.3						2/01/73	227.5	474.5	
				1/31/73	211.9	940.1						3/29/73	207.3	494.7	
				2/28/73	210.8	941.2						4/06/73	203.1	498.9	5050
				3/31/73	205.1	946.9						5/29/73	186.5	515.5	5062
				4/30/73	202.6	949.4						6/26/73	186.5	515.5	
				5/31/73	217.6(1)	934.4						7/31/73	194.1	507.9	
				6/30/73	207.6	944.4						8/31/73	204.1	497.9	
				7/31/73	209.7	942.3						9/28/73	198.1	503.9	
				8/30/73	206.9	945.1		01N/11W-21C03 S 19			703.8	10/31/72	262.7	441.1	5062
				9/30/73	207.3	944.7						11/30/72	267.1	441.7	
01N/12W-08L02 S 19			1085.0	10/20/72	132.1	952.9	5062					12/27/72	268.1	435.7	
				11/26/72	133.2	951.8						2/01/73	265.1	438.7	
				12/28/72	133.0	952.0						3/29/73	239.1	464.7	
				1/31/73	132.0	953.0						4/06/73	202.2	501.6	5050
				2/22/73	128.2	956.8						5/29/73	189.7	514.1	5062
				3/27/73	120.4	964.6						6/26/73	189.1	514.7	
				4/06/73	119.2	965.8						7/31/73	196.1	507.7	
				5/10/73	119.1	965.9						8/31/73	212.1	491.7	
				6/14/73	121.3	963.7						9/28/73	205.7	498.1	
				7/19/73	125.2	959.8		01N/11W-21C06 S 19			705.0	10/31/72	274.0	431.0	5062
				8/30/73	128.1	956.9						11/30/72	276.2	428.8	
				9/20/73	128.6	956.4						12/27/72	270.0	435.0	
01N/12W-09A01 S 19			1358.0	12/07/72	166.6	1191.4	1101					2/01/73	227.4	477.6	
			1354.8	4/06/73	166.7	1188.1	5050					3/29/73	211.8	493.2	
01N/12W-09K01 S 19			1130.0	10/30/72	200.5	929.5	5062					4/06/73	208.1	496.9	5050
				11/30/72	225.5(1)	904.5						5/29/73	193.0	512.0	5062
				12/31/72	225.4(1)	904.6						6/26/73	193.0	512.0	
				1/31/73	224.6(1)	905.4						7/31/73	199.0	506.0	
				2/28/73	199.6	930.4						8/31/73	215.4	489.6	
				3/31/73	223.7(1)	906.3						9/28/73	213.0	492.0	
				4/06/73	202.1	927.9	5050	01N/11W-21C07 S 19			680.0	10/31/72	259.0	421.0	5062
				5/31/73	179.7	950.3	5062					11/30/72	261.4	418.6	
				6/30/73	219.0(1)	911.0						12/27/72	255.4	424.4	
				7/31/73	227.1(1)	902.9						2/01/73	235.4	444.4	
				8/30/73	202.2(5)	927.8						3/29/73	190.7	489.3	
				9/30/73	204.3	925.7						4/06/73	183.7	496.3	5050
01N/12W-09001 S 19			1129.2	4/06/73	197.4	931.8	5050					5/29/73	169.4	510.6	5062
01N/12W-10A01 S				12/07/72	143.3	1210.7	1101					6/26/73	168.4	511.6	
				4/06/73	NM-7		5050					7/31/73	175.4	504.6	
01N/12W-17D01 S 19			1045.7	10/20/72	92.7	953.0	5062					8/31/73	186.8	493.2	
				11/26/72	93.1	952.6						9/28/73	182.4	497.6	
				12/28/72	93.6	952.1		01N/11W-21G02 S 19			602.0	10/05/72	125.6(5)	476.4	5062
				1/31/73	94.9	950.8						11/01/72	126.6(5)	475.4	
				2/22/73	94.0	951.7						12/06/72	127.6(5)	474.4	
				3/27/73	89.9	955.8						1/04/73	134.6(5)	467.4	
				4/06/73	89.0	956.7						2/07/73	134.6(5)	467.4	
				5/10/73	85.6	960.1						3/07/73	131.6(5)	470.4	
				6/14/73	85.8	959.9						4/04/73	123.6(5)	478.4	
				7/19/73	87.5	958.2						5/02/73	97.6(5)	504.4	
				8/30/73	89.4	956.3						6/06/73	95.6(5)	506.4	
				9/20/73	90.3	955.4						7/05/73	100.6(5)	501.4	
01N/13W-01B01 S 19			1294.0	12/07/72	189.0	1105.0	1101					8/01/73	102.6(5)	499.4	
				4/11/73	191.2	1102.8						9/05/73	102.6(5)	499.4	
01N/13W-01F01 S 19			1240.0	4/06/73	125.6	1114.4	5050	01N/11W-21G03 S 19			611.5	10/05/72	136.1(5)	475.4	5062
01N/13W-01F01 S 19			1185.0	4/06/73	62.3	1122.7	5050					11/01/72	135.7(5)	475.4	
01N/13W-01L01 S 19			1178.0	4/06/73	65.9	1112.1	5050					12/06/72	137.8	473.7	
01N/13W-01N01 S 19			1330.0	4/06/73	48.9	1281.1	5050					1/04/73	141.2(5)	470.3	
01N/13W-02R01 S			1355.0	12/07/72	177.3	1177.7	1101					2/07/73	141.4(5)	470.1	
			1349.5	4/06/73	NM-7		5050					3/07/73	141.1(5)	470.4	
02N/12W-33001 S			1685.0	4/06/73	NM-7		5050					4/04/73	131.2(5)	480.3	
02N/13W-34A03 S 19			1629.2	4/05/73	141.5	1487.7	5050					5/02/73	100.2(5)	511.7	
02N/13W-34A04 S 19			1629.2	4/17/73	75.4	1553.8	5050					6/06/73	100.4(5)	510.6	
02N/13W-34R02 S 19			1632.0	10/26/72	136.5	1495.5	1101					7/05/73	106.4(5)	505.1	
				11/24/72	136.6	1495.4						8/01/73	108.8(5)	502.7	
				1/09/73	136.6	1495.4						9/05/73	110.2(5)	501.3	
				2/24/73	134.8	1497.2		01N/11W-21G05 S 19			608.4	10/05/72	137.5(5)	470.9	5062
				3/05/73	135.9	1496.1						11/01/72	137.5(5)	470.9	
				4/04/73	128.7	1503.3						12/06/72	137.5(5)	470.9	
				5/01/73	128.9	1503.1						1/04/73	145.5(5)	462.9	
				6/04/73	130.1	1501.9						2/07/73	145.5(5)	462.9	
				7/11/73	130.0	1502.0						3/07/73	142.5(5)	465.9	
				8/21/73	130.3	1501.7						4/04/73	133.5(5)	474.9	
				9/11/73	130.2	1501.8						5/02/73	101.5(5)	506.9	
SANTA ANITA HYDRO SUBAREA								SANTA ANITA HYDRO SUBAREA							
							U-05.C3								
01N/11W-15P01 S			740.3	12/05/72	DRY		1101	01N/11W-21H02 S 19			602.4	10/05/72	126.2(5)	476.2	5062
				4/11/73	DRY							11/01/72	126.2(5)	476.2	
01N/11W-20001 S			659.3	4/06/73	168.9	490.4	5050					12/06/72	130.2(5)	472.2	
01N/11W-20002 S			697.5	4/06/73	90.7	606.8	5050					1/04/73	133.2(5)	469.2	
												2/07/73	136.2(5)	466.2	
												3/07/73	134.2(5)	468.2	
												4/04/73	125.2(5)	477.2	
												5/02/73	96.2(5)	506.2	
												6/06/73	93.2(5)	509.2	
												7/05/73	101.2(5)	501.2	
												8/01/73	102.2(5)	500.2	
												9/05/73	103.2(5)	499.2	
								01N/11W-21H03 S 19			609.5	10/05/72	136.5(5)	473.0	5062

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT SANTA ANITA HYDRO SUBAREA							U-05 U-05.C U-05.C3	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1
01N/11W-21M03 S 19 (CONTINUED)			609.5	11/01/72	136.5(5)	473.0	5062	01N/09W-35005 S 19			1069.0	4/16/77	112.8	956.2	1101
				12/06/72	137.5(5)	472.0		01N/09W-36P01 S 19			1170.0	11/30/72	219.8	950.2	1101
				1/04/73	142.5(5)	467.0					4/06/77	213.5	956.5		
				2/07/73	145.5(5)	464.0		01N/09W-36P02 S 19			1157.0	4/06/77	202.5	954.5	1101
				3/07/73	142.5(5)	467.0		01N/10W-25G01 S 19			882.0	11/29/72	136.2	745.8	1101
				4/04/73	134.5(5)	475.0					4/10/77	130.7	751.3		
				5/02/73	101.5(5)	508.0		01N/10W-25R01 S 19			703.2	10/12/72	253.7	449.5	1733
				6/06/73	97.5(5)	512.0					11/02/72	253.8	449.4		
				7/05/73	108.5(5)	501.0					12/14/72	255.7	447.5		
				8/01/73	109.5(5)	500.0					1/04/77	256.2	447.0		
				9/05/73	110.5(5)	499.0					3/08/77	258.7	444.5		
01N/11W-22F01 S			611.5	10/25/72	39.0	572.5	1101				4/19/77	259.2	444.0		
				11/13/72	38.5	573.0					5/10/77	250.7	452.5		
				1/08/73	37.4	574.1		01N/10W-29R02 S			575.0	12/05/77	NM-4		1101
				2/22/73	36.2	575.3		01N/10W-31M01 S 19			447.0	11/02/72	207.4(4)	239.6	1733
				3/05/73	37.0	574.5					3/08/77	198.7	248.3		
				4/03/73	33.4	578.1					4/02/77	175.7(4)	271.3		
				5/01/73	33.3	578.2					5/10/77	176.3(4)	270.7		
				6/01/73	32.9	578.6					6/21/77	188.4	258.8		
				7/12/73	34.2	577.3					7/12/77	196.4(4)	250.6		
				8/21/73	35.0	576.5					8/02/77	201.2(4)	245.2		
				9/04/73	35.2	576.3					9/13/77	208.0(4)	239.1		
01N/11W-22N03 S			522.0	3/05/73	DPY		1101	01N/10W-32J01 S 19			547.7	4/02/77	282.9(2)	264.4	1101
				4/03/73	DPY			01N/10W-32J02 S 19			548.7	11/13/77	325.0	223.7	1101
				5/01/73	DPY						4/14/77	277.7	271.0		
				6/04/73	DPY			01N/10W-33C01 S			550.0	11/13/77	NM-8		1101
				7/12/73	DPY						4/04/77	NM-1			
				8/21/73	DPY			01N/10W-33M01 S 19			549.0	12/14/77	317.1	231.4	1733
				9/04/73	DRY						1/04/77	317.8	231.2		
01N/11W-28C01 S			546.3	10/25/72	72.7	473.6	1101				2/15/77	319.7	229.4		
				11/13/72	71.7	474.6					3/08/77	308.7	240.3		
				1/08/73	77.7	468.6					4/02/77	289.8	259.2		
				2/22/73	76.5	469.8					5/10/77	277.9	271.1		
				3/05/73	82.9	463.4					6/21/77	283.3	265.7		
				4/04/73	67.5	478.8		01N/10W-34L01 S 19			556.0	11/01/77	272.0(5)	284.0	1101
				5/01/73	44.4	501.9					3/30/77	313.0(5)	243.0		
				6/29/73	50.3	496.0					4/10/77	309.4	246.6		
				7/31/73	54.6	491.7		01N/10W-34N01 S 19			428.3	11/13/77	202.5	225.4	1101
				9/11/73	59.0	487.3					4/04/77	182.2	246.1		
SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05.D U-05.D1	01N/10W-34N02 S 19			438.9	11/13/77	215.6	223.3	1101
01N/09W-19K01 S 19			1237.0	11/29/72	41.5	1195.5	1101				4/04/77	192.8	246.1		
				4/10/73	29.1	1207.9		01N/11W-13R01 S 19			334.5	10/10/77	111.3	223.2	1101
01N/09W-20J01 S 19			1122.0	1/12/73	39.2	1082.8	1101				11/10/77	112.2	222.4		
				4/02/73	13.2	1108.8					12/13/77	111.1	223.4		
01N/09W-29C02 S 19			950.0	1/11/73	383.5	566.5	1101				1/08/77	111.3	223.2		
											2/13/77	110.1	224.4		
01N/09W-29K01 S 19			935.0	1/12/73	372.5	562.5	1101				3/07/77	99.2	235.3		
				4/03/73	364.4	570.6					4/02/77	83.1	251.4		
01N/09W-30P01 S			820.0	10/03/72	294.0	526.0	1101				5/07/77	86.6	247.9		
				11/02/72	294.1	525.9					6/01/77	87.5	247.0		
				12/12/72	294.5	525.5					7/02/77	90.1	244.4		
				1/08/73	303.4	516.6					8/02/77	93.9	240.6		
				2/05/73	305.0	515.0					9/11/77	98.5	236.7		
				3/07/73	294.1	525.9		01N/11W-13L02 S 19			337.0	11/11/77	121.1	215.4	1101
				4/03/73	295.5	524.5					12/09/77	109.5	227.5		
				5/08/73	297.7	522.3					2/12/77	109.3	227.7		
				7/09/73	298.0	522.0					3/17/77	95.6	241.4		
				9/05/73	296.0	524.0					4/07/77	87.2	249.4		
01N/09W-31P02 S 19			713.0	11/29/72	109.1	603.9	1101				5/12/77	86.3	250.7		
				4/04/73	109.0	604.0					6/01/77	88.3	248.7		
01N/09W-32A02 S 19			868.8	11/29/72	134.0	734.8	1101				8/04/77	94.6	242.4		
				4/10/73	134.4	734.4					9/16/77	98.1	238.4		
01N/09W-35L01 S			1100.0	11/30/72	NM-3		1101	01N/11W-14P01 S			309.8	10/10/77	86.6	223.2	1101
01N/09W-35L02 S 19			1079.0	11/30/72	114.0	965.0	1101				11/10/77	87.9	221.9		
				4/06/73	70.3	1008.7					12/13/77	88.1	221.7		
01N/09W-35L03 S 19			1090.0	11/30/72	118.6	971.4	1101				1/08/77	87.9	221.9		
				4/06/73	66.8	1023.2					2/13/77	87.0	222.8		
01N/09W-35P01 S 19			1047.0	11/30/72	110.9	936.1	1101				3/07/77	84.5	245.3		
				4/06/73	99.8	947.2					4/02/77	59.3	250.5		
01N/09W-35P02 S 19			1054.0	10/03/72	115.7	938.3	1101				5/07/77	68.3	241.5		
				11/02/72	119.0	935.0					6/01/77	69.5	240.3		
				12/12/72	118.5	935.5					7/02/77	70.7	239.1		
				2/05/73	115.3	938.7					8/02/77	73.1	236.6		
				3/07/73	116.0	938.0					9/11/77	73.1	236.7		
				4/03/73	106.4	947.6		01N/11W-23C01 S			306.0	11/27/77	87.9	218.1	1101
				5/08/73	110.0	944.0					4/03/77	60.0	246.0		
				6/01/73	110.2	943.8		01N/11W-24F03 S 19			759.0	12/05/77	49.6	709.4	1101
				8/13/73	113.5	940.5					4/11/77	25.4	733.6		
				9/05/73	109.7	944.3		01N/11W-24F01 S				12/05/77	DRY		1101
01N/09W-35002 S 19			1064.0	1/12/73	134.1	929.9	1101								
				4/11/73	NM-1										
				5/14/73	NM-1										
01N/09W-35004 S 19			1060.0	11/30/72	129.1(4)	930.9	1101								
01N/09W-35005 S 19			1069.0	11/30/72	128.2	940.8	1101								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1
01N/11W-24F01 S			748.9	4/11/73	40.0	708.9	1101	01N/11W-36L01 S 19			413.5	12/14/72	185.3(5)	228.2	1733
01N/11W-24L01 S 19			697.1	12/05/72 3/16/73 4/11/73	94.0 52.7 63.0	603.1 644.4 634.1	1101	(CONTINUED)				1/04/73	187.3(5)	226.2	
01N/11W-26L09 S 19			283.7	11/17/72 4/02/73	64.8 54.9	218.9 228.8	1101					2/15/73	187.3(5)	226.2	
01N/11W-26P04 S 19			287.0	11/27/72 4/02/73	70.7 63.2	216.3 223.8	1101					3/08/73	180.3(5)	233.2	
01N/11W-27F01 S 19			495.8	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	261.8(5) 261.8(5) 261.8(5) 262.8(5) 262.8(5) 261.8(5) 256.8(5) 250.3(5) 248.0(5) 253.1(5) 252.8(5) 253.8(5)	234.0 234.0 234.0 233.0 233.0 234.0 239.0 245.5 247.8 242.7 243.0 242.0	5062	01N/11W-36R01 S 19			424.0	11/13/72	202.3	221.7	1101
01N/11W-31P01 S 19			503.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	321.0(5) 365.0(1) 316.0(5) 361.0(1) 356.0(1) 347.0(1) 303.0(5) 349.0(1) 311.0(5) 358.0(1) 361.0(1)	182.0 138.0 187.0 142.0 147.0 156.0 200.0 154.0 192.0 145.0 142.0	5062	01S/09W-06C01 S 19			1153.5	12/06/72 4/06/73	216.0 204.1	937.5 949.4	1101
01N/11W-32002 S 19			468.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	266.1(5) 266.1(5) 265.1(5) 266.1(5) 262.1(5) 259.1(5) 255.1(5) 259.1(5) 256.1(5) 256.1(5) 256.1(5) 262.1(5)	201.9 201.9 202.9 201.9 205.9 208.9 212.9 208.9 211.9 211.9 211.9 205.9	5062	01S/09W-01A01 S			1131.0	11/30/72	NM-6		1101
01N/11W-33001 S			407.8	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/02/73 5/01/73 6/29/73 7/31/73 9/11/73	164.6 165.2 166.7 167.9 158.8 168.0 167.0 166.7 167.1 167.4	233.2 242.6 241.1 249.9 249.0 239.8 240.8 241.1 240.7 240.4	1101	01S/09W-01C02 S 19			1131.0	11/30/72 4/09/73	184.1 175.7	946.9 955.3	1101
01N/11W-34N03 S 19			402.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	179.4(5) 179.4(5) 177.4(5) 177.4(5) 177.4(5) 170.4(5) 165.4(5) 163.4(5) 163.4(5) 169.4(5) 166.4(5) 170.4(5)	222.6 222.6 224.6 224.6 224.6 231.6 236.6 238.6 238.6 232.6 235.6 231.6	5062	01S/09W-01F01 S 19			1119.3	11/03/72 12/12/72 1/11/73 2/05/73 3/08/73 4/04/73 5/08/73 6/01/73 7/11/73 8/21/73 9/06/73	204.0 179.5 178.0 174.9 173.3 172.0 200.5(2) 214.2 194.5 193.0 192.5	915.3 939.4 941.7 944.4 946.0 947.3 916.8 905.1 924.4 926.1 926.4	1101
01N/11W-34N05 S 19			402.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	180.0(5) 181.0(5) 180.0(5) 180.0(5) 179.0(5) 167.0(5) 159.0(5) 161.0(5) 163.0(5) 175.0(5) 170.0(5) 172.0(5)	222.0 221.0 222.0 222.0 223.0 235.0 243.0 241.0 239.0 227.0 232.0 230.0	5062	01S/09W-01G01 S 19			1107.5	11/30/72 4/09/73	170.3 164.1	937.2 943.4	1101
01N/11W-35L01 S 19			403.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	175.0(5) 179.0(5) 178.0(5) 180.0(5) 175.0(5) 170.0(5) 156.0(5) 154.0(5) 168.0(1) 159.0(5) 164.0(5) 165.0(5)	228.0 224.0 225.0 223.0 228.0 233.0 247.0 249.0 235.0 244.0 239.0 238.0	1101	01S/09W-02C01 S 19			1046.1	11/30/72	109.5	936.6	1101
01N/11W-36L01 S 19			413.5	10/12/72 11/02/72	187.3(5) 190.3(5)	226.2 223.2	1733	01S/09W-02C03 S 19			1051.0	11/30/72	118.5(4)	932.5	1101
								01S/09W-02P01 S 19			1029.0	11/30/72 1/08/73 2/05/73 3/07/73 7/09/73 8/13/73	128.1 83.0 85.0 90.0 72.2 61.2	900.4 946.0 944.1 939.0 956.4 967.4	1101
								01S/09W-02H01 S 19			1080.0	10/04/72 11/02/72 12/12/72 1/11/73 2/05/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/21/73 9/06/73	152.2 149.3 148.8 143.0 141.2 139.8 138.2 140.7 138.5 141.6 156.3 141.0	927.8 930.7 931.2 937.0 938.8 940.2 941.2 939.1 941.5 938.4 923.7 939.0	1101
								01S/09W-02Q01 S 19			1020.0	11/30/72 4/10/73	254.3(4) 259.1	765.7 760.4	1101
								01S/09W-02Q02 S 19			1023.0	11/30/72 4/09/73	98.2 42.5	924.4 930.4	1101
								01S/09W-03C01 S 19			957.0	11/30/72 4/10/73	88.2(2) 76.0	888.4 881.0	1101
								01S/09W-03F01 S 19			930.0	4/10/73	45.3	884.7	1101
								01S/09W-03G01 S 19			983.0	1/12/73 4/10/73	60.8 53.2	922.2 929.4	1101
								01S/09W-03H01 S 19			1018.0	11/30/72 4/10/73	94.4 99.2	923.4 918.4	1101
								01S/09W-04D02 S				2/16/73 4/03/73 5/08/73	NM-7 DRY DRY		1101
								01S/09W-04G01 S 19			883.7	10/03/72 11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/03/73 5/08/73 7/09/73 8/21/73 9/05/73	94.1 97.2 96.1 96.8 97.5 96.7 96.4 97.0 95.0 95.2 96.0	789.4 786.7 787.4 786.4 786.2 787.0 787.1 786.7 788.7 784.5 787.7	1101
								01S/09W-04J01 S 19			906.6	11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/03/73 8/09/73	87.0 95.5 85.0 83.4 82.8 81.8 93.3	819.6 811.1 821.6 823.2 823.8 824.8 813.3	1101
								01S/09W-05A01 S				2/16/73	DRY		1101

See page 79 for key to terms & abbreviations



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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
U-05 U-05.D U-05.D1								U-05 U-05.D U-05.D1							
01S/09W-05A01 S (CONTINUED)				3/07/73 4/03/73 5/08/73	DRY DRY DRY		1101	01S/10W-05N01 S (CONTINUED)	19	443.0		7/12/73 8/02/73 9/13/73	191.8 195.9 202.2	251.2 247.1 240.8	1733
01S/09W-05A02 S				2/16/73 3/07/73 4/03/73 5/08/73	DRY DRY DRY DRY		1101	01S/10W-06J01 S	19	444.0		4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	174.7 178.0 187.0 192.8 197.2 203.8	269.3 268.0 257.0 251.2 248.8 240.2	1733
01S/09W-05A03 S		831.3		2/16/73 3/07/73 4/03/73	DRY 19.6 26.4	811.7 804.9	1101	01S/10W-06N02 S	19	404.0		11/25/72 3/31/73	208.0 141.6	196.0 262.4	1101
01S/09W-05G01 S	19	797.0		1/12/73 4/10/73	133.5 123.2	663.5 673.8	1101	01S/10W-07A02 S	19	425.0		11/13/72 4/02/73	201.3 169.0	223.7 256.0	1101
01S/09W-05G02 S	19	795.0		4/10/73	121.6	673.4	1101	01S/10W-07R02 S	19	386.7		10/02/72 11/01/72 12/01/72 1/03/73 2/02/73 3/02/73 4/02/73 5/02/73 6/01/73 7/04/73 8/01/73 9/04/73	160.6 161.8 161.4 160.0 160.4 157.0 142.0 136.4 135.9 139.3 143.1 147.4	226.1 224.4 225.1 226.7 226.3 229.7 244.7 250.3 250.8 247.4 243.6 239.1	1101
01S/09W-05J01 S	19	821.6		10/05/72 11/15/72 12/12/72 2/05/73 3/07/73 4/03/73 6/01/73	139.3 129.4 148.4 133.4 129.9 125.5 136.5	682.3 692.2 673.2 688.2 691.7 696.1 685.1	1101	01S/10W-08A02 S	19	454.5		4/02/73	207.1	247.4	1101
01S/09W-06J01 S		741.0		1/12/73 4/03/73	180.5 184.2	560.5 556.8	1101	01S/10W-08P01 S	19	410.3		10/11/72 11/06/72 12/01/72 1/03/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	183.6 184.6 184.1 183.0 171.2 165.0 162.1 163.4 167.0 171.0	226.7 225.7 226.2 227.1 239.1 245.1 248.2 246.4 243.3 239.1	1101
01S/09W-08F01 S	19	728.4		11/30/72 4/10/73	217.8 218.2	510.6 510.2	1101	01S/10W-09F01 S	19	440.0		2/15/73 4/04/73	212.1 198.7	227.9 241.3	1101
01S/09W-09R01 S	19	840.0		10/03/72 11/02/72 12/12/72 2/05/73 3/07/73 4/03/73 5/08/73 7/09/73 8/21/73 9/05/73	210.4 211.5 212.3 212.0 205.3 213.4(3) 211.3 211.3 211.8 217.5	629.6 628.5 627.7 628.0 634.7 626.6 628.7 628.7 628.2 622.5	1101	01S/10W-09F02 S	19	440.0		11/13/72 2/16/73 4/04/73	226.9 210.0 196.2(8)	215.1 230.0 243.8	1101
01S/09W-17H01 S	19	660.5		1/08/73 4/06/73	48.1 46.0	612.4 614.5	1101	01S/10W-09H01 S	19	452.0		11/06/72 2/15/73 4/04/73	224.3(2) 219.1(2) 208.8	227.7 232.9 243.2	1101
01S/09W-18A04 S	19	673.0		1/08/73 4/06/73	171.0 189.0	502.0 484.0	1101	01S/10W-09J01 S	19	449.0		11/06/72 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	221.2 209.9 212.8 201.8 202.7 206.0 208.3	227.8 239.1 236.2 247.2 246.1 243.0 240.7	1101
01S/09W-19C01 S	19	530.0		11/10/72 4/04/73	94.2 93.5	435.8 436.5	1101	01S/10W-10C01 S	19	471.0		10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	243.4 238.1 241.6 240.3 240.4 239.1(4) 233.9 227.9 225.6(4) 227.0(4) 227.7(4) 231.2	227.6 232.4 229.4 230.7 230.6 231.9 237.1 243.1 245.4 244.0 243.3 239.4	1733
01S/09W-19C03 S	19	526.0		11/10/72 4/04/73	101.7 100.7	424.3 425.3	1101	01S/10W-10P01 S	19	461.0		12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	228.6 228.3 228.5 227.1 222.9 216.9 213.3 213.9 214.9 217.6	233.3 233.4 236.8 236.0 239.0 245.0 248.6 247.0 244.3	1733
01S/09W-32G02 S	19	700.0		12/04/72 4/06/73	8.0 8.5	692.0 691.5	1101	01S/10W-11H01 S				12/08/72 4/03/73	DRY DRY		1101
01S/10W-01P01 S		657.0		10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	290.6 DRY DRY 287.1 290.1 DRY 289.1 276.6 NM-0 289.5 DRY DRY	366.4 366.9 367.9 380.4 367.5	1733	01S/10W-12C18 S	19	599.0		11/15/72 4/10/73	213.1 192.4	385.9 406.4	1101
01S/10W-03H01 S	19	517.0		11/21/72 4/10/73	281.6 274.5	235.4 242.5	1101	01S/10W-12R01 S	19	620.0		10/17/72 11/15/72 12/31/72 3/21/73 4/04/73 5/18/73 6/28/73	327.5(5) 367.5(1) 369.5(1) 346.5(5) 335.7 374.5(1) 374.5(1)	292.5 252.4 250.4 273.5 284.3 245.5 245.5	1101
01S/10W-03K02 S	19	496.0		10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	267.5 266.6 263.3 262.4 265.5(4) 263.3 257.4 251.0 247.9 249.9 251.0 254.2	228.5 229.4 232.7 233.6 230.5 232.7 238.6 245.0 248.1 246.1 245.0 241.8	1733	01S/10W-13F01 S	19	550.0		10/24/72 11/15/72	352.2(1) 350.2(1)	197.8 199.8	1101
01S/10W-04G01 S	19	504.8		11/13/72 4/04/73	275.1 257.7	229.7 247.1	1101								
01S/10W-05J01 S	19	473.0		3/29/73 4/02/73 5/10/73 6/21/73 7/12/73	224.0 222.0 214.0 216.8 221.3	249.0 251.0 259.0 256.2 251.7	1733								
01S/10W-05N01 S	19	443.0		11/23/72 12/14/72 1/04/73 4/19/73 5/10/73 6/21/73	216.1 216.1 214.7 180.3 180.0 186.6	226.9 226.9 228.3 262.7 263.0 256.4	1733								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
01S/10W-13F01 S 19			550.0	3/21/73	368.2(1)	181.8	1101	01S/10W-22P01 S 19			427.2	3/07/73	181.8	245.4	1733
(CONTINUED)				5/18/73	371.2(1)	178.8		(CONTINUED)				4/02/73	181.0	246.2	
				6/28/73	374.2(1)	175.8						5/09/73	181.6	245.6	
01S/10W-14R01 S 19			333.3	11/22/72	75.0	258.3	1733					6/20/73	182.3	244.9	
				6/20/73	79.2(4)	254.1						7/11/73	183.0	244.2	
				7/11/73	80.5(4)	252.8						8/01/73	183.9	243.3	
				8/22/73	83.6	249.7						9/12/73	184.6	242.6	
01S/10W-14M01 S 19			493.0	10/11/72	142.7	350.3	1733	01S/10W-23C01 S 19			484.0	7/13/73	229.6	254.4	1101
				11/01/72	141.4	351.6		01S/10W-23F01 S 19			477.6	10/11/72	251.0	226.6	1733
				12/13/72	243.5	249.5						11/01/72	250.5	227.1	
				1/03/73	243.4	249.6						12/13/72	250.2	227.4	
				2/14/73	244.0	249.0						1/03/73	250.1	227.5	
				3/07/73	243.5	249.5						2/14/73	250.7	226.9	
				4/02/73	241.1	251.9						3/07/73	220.8	255.6	
				5/09/73	239.3	253.7						4/02/73	219.5	257.1	
				6/20/73	238.2	254.8						9/12/73	224.8	251.4	
				7/11/73	238.8	254.2		01S/10W-23J03 S 19			470.0	11/08/72	199.0(5)	271.0	1101
				8/01/73	238.6	254.4						1/04/73	194.0(5)	276.0	
				9/12/73	239.5	253.5						3/06/73	193.0(5)	277.0	
01S/10W-17A01 S 19			401.5	10/11/72	175.1	226.4	1733					5/03/73	199.0(5)	271.0	
				11/01/72	175.7	225.8						7/10/73	264.0(1)	206.0	
				12/13/72	174.8	226.7						9/06/73	283.0(1)	187.0	
				1/24/73	172.3	229.2		01S/10W-23K01 S 19			458.0	11/08/72	205.5(5)	252.5	1101
				2/14/73	174.0	227.5						1/04/73	184.5(5)	273.5	
				3/07/73	170.8	230.7						3/06/73	190.5(5)	267.5	
				4/02/73	161.9	239.6						5/18/73	205.5(5)	252.5	
				5/09/73	154.5	247.0						7/10/73	268.5(1)	189.5	
				6/20/73	155.6(2)	245.9						9/07/73	264.5(1)	189.5	
				7/11/73	156.4	245.1		01S/10W-23K02 S 19			459.2	11/08/72	262.0(1)	197.2	1101
				8/01/73	159.8(2)	241.7						1/04/73	187.0(5)	272.2	
				9/12/73	162.9	238.6						3/06/73	186.0(5)	273.2	
01S/10W-17A02 S 19			401.3	10/11/72	175.0	226.3	1733					5/03/73	257.0(1)	202.2	
				11/01/72	175.5	225.8						7/10/73	259.0(1)	200.2	
				12/13/72	174.6	226.7						9/07/73	289.0(1)	170.2	
				1/03/73	174.0	227.3		01S/10W-23L01 S 19			448.0	11/15/72	198.0(5)	250.0	1101
				2/14/73	173.9	227.4						1/04/73	196.0(5)	252.0	
				3/07/73	170.8	230.5						3/06/73	192.0(5)	256.0	
				4/02/73	161.8	239.5						5/03/73	222.0(1)	226.0	
				5/09/73	155.0	246.3						7/10/73	218.0(1)	230.0	
				6/20/73	156.0(2)	245.3						9/07/73	223.0(1)	225.0	
				7/11/73	156.3	245.0		01S/10W-23M04 S 19			444.0	11/15/72	205.5(5)	238.5	1101
				8/01/73	159.8(2)	241.5						1/04/73	203.5(5)	240.5	
				9/12/73	162.7	238.6						3/06/73	187.5(5)	256.5	
01S/10W-17N01 S 19			364.3	4/02/73	128.0	236.3	1101					5/03/73	229.5(1)	214.5	
01S/10W-18R01 S 19			422.7	10/11/72	192.4	230.3	1733					7/10/73	233.5(1)	210.5	
				11/01/72	193.3	229.4						9/07/73	233.5(1)	210.5	
				12/13/72	192.9	229.8		01S/10W-24F04 S				4/10/73	NPV		1101
				1/03/73	192.5	230.2		01S/10W-24H01 S 19			500.0	4/10/73	61.2	438.8	1101
				2/14/73	192.0	230.7		01S/10W-24H02 S 19			500.0	4/10/73	46.0	454.0	1101
				3/07/73	190.6	232.1		01S/10W-24H04 S			507.0	4/10/73	NPV		1101
				4/18/73	181.5	241.2		01S/10W-24M01 S 19			472.0	11/15/72	192.6	279.4	1101
				7/11/73	177.3	245.4						4/04/73	188.9	283.1	
				9/12/73	181.9	240.8		01S/10W-24M02 S 19			472.0	11/15/72	191.2	280.4	1101
01S/10W-18F01 S 19			362.0	10/31/72	134.0(5)	228.0	1101					4/04/73	186.3	285.7	
				11/29/72	134.0(5)	228.0		01S/10W-27C02 S 19			412.0	11/15/72	219.0(1)	193.0	1101
				3/27/73	119.0(5)	243.0						1/02/73	187.0(5)	225.0	
				5/01/73	113.0(5)	249.0						7/03/73	170.0(5)	242.0	
				6/29/73	113.0(5)	249.0		01S/10W-28M02 S 19			397.0	11/15/72	166.0(5)	231.0	1101
				7/31/73	118.0(5)	244.0						1/04/73	167.0(5)	230.0	
				8/28/73	121.0(5)	241.0						3/05/73	164.0(5)	233.0	
				9/29/73	121.0(6)	241.0						5/03/73	161.0(5)	236.0	
01S/10W-19C03 S 19			343.0	11/27/72	132.5	210.5	1101					7/10/73	162.0(5)	235.0	
				4/02/73	109.0	234.0						9/07/73	163.0(5)	234.0	
01S/10W-19K01 S 19			335.0	11/14/72	113.5	221.5	1101	01S/10W-28K05 S 19			378.0	11/15/72	153.9(5)	224.1	1101
				4/09/73	106.0	229.0						1/05/73	208.9(1)	169.1	
01S/10W-19L02 S 19			332.0	10/20/72	118.5(5)	213.5	1101					3/05/73	200.9(1)	177.1	
				11/20/72	116.5(5)	215.5						5/03/73	191.9(1)	186.1	
				12/15/72	109.5(5)	222.5						7/10/73	198.9(1)	179.1	
				1/11/73	114.5(5)	217.5						9/06/73	204.9(1)	173.1	
				2/15/73	114.5(5)	217.5		01S/10W-29A05 S 19			367.0	10/04/72	151.1	215.9	1101
				3/15/73	111.5(5)	220.5						11/06/72	140.0	227.0	
				4/15/73	103.5(5)	228.5						12/14/72	151.9	215.1	
				5/15/73	102.5(5)	229.5						1/12/73	137.5	229.5	
				6/15/73	93.5(5)	238.5						2/08/73	140.5	226.5	
				7/15/73	104.5(5)	227.5						3/09/73	155.3	211.7	
				8/15/73	106.5(5)	225.5						4/03/73	140.0	227.0	
				9/15/73	106.5(5)	225.5						5/10/73	134.5	232.5	
01S/10W-22C01 S 19			430.0	9/06/73	186.2	243.8	1101					7/12/73	135.2	231.8	
01S/10W-22N01 S 19			409.0	11/15/72	175.0	234.0	1101					8/22/73	132.5	234.5	
				1/05/73	175.5(5)	233.5						9/06/73	132.5	234.5	
				3/05/73	174.5(5)	234.5		01S/10W-29G02 S 19			354.0	10/11/72	125.1	228.9	1733
				5/03/73	169.5(5)	239.5						11/01/72	125.4	228.6	
				7/11/73	169.5(5)	239.5						12/13/72	125.4	228.6	
				9/07/73	167.5(5)	241.5						1/03/73	125.6	228.4	
01S/10W-22R01 S 19			427.2	10/11/72	180.9	246.3	1733								
				11/01/72	181.0	246.2									
				12/13/72	181.1	246.1									
				1/03/73	180.9	246.3									
				2/14/73	181.9	245.3									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01							
01S/10W-29G02 S 19			354.0	2/14/73	127.3	226.7	1733	01S/10W-33P01 S 19			343.0	4/09/73	75.7	267.3	1101
(CONTINUED)				3/07/73	127.3	226.7									
				4/02/73	126.7	227.3		01S/11W-01R05 S 19			404.4	10/11/72	177.6	226.8	1101
				5/30/73	124.2	229.8						11/06/72	178.5	225.9	
				6/20/73	123.0	231.0						12/01/72	175.6	228.8	
				7/11/73	122.3	231.7						1/03/73	175.1	229.3	
				8/22/73	122.3	231.7						2/22/73	174.1	230.3	
01S/10W-30K01 S			327.1	11/10/72	DPY		1101					3/19/73	156.1	248.3	
				4/04/73	DRY							4/02/73	144.3	260.1	
01S/10W-30L05 S 19			321.0	11/10/72	96.6	224.4	1101	01S/11W-02A01 S 19			375.0	10/11/72	147.0	228.0	1101
				4/04/73	98.0	223.0						11/13/72	150.2	224.8	
01S/10W-31A02 S 19			320.0	10/11/72	103.6	216.4	1733					12/01/72	145.5	229.5	
				11/22/72	100.6	219.4						1/03/73	144.6	230.4	
				12/13/72	98.5	221.5						3/19/73	130.3	244.7	
				1/03/73	99.2	220.8						4/02/73	123.0	252.0	
				3/07/73	95.6	224.4						5/31/73	118.9	256.1	
				4/02/73	93.2	226.8						6/29/73	124.4	250.6	
				9/12/73	96.0	224.0						9/11/73	134.5	240.5	
01S/10W-31A03 S 19			320.5	11/15/72	191.5(1)	129.0	1101	01S/11W-02R01 S 19			368.0	11/01/72	144.5(5)	223.5	1101
				1/03/73	183.5(1)	137.0						12/01/72	144.5(5)	223.5	
				3/05/73	185.5(1)	135.0						1/31/73	143.5(5)	224.5	
				5/02/73	191.5(1)	129.0						2/28/73	141.5(5)	226.5	
				7/03/73	97.5(5)	223.0						3/31/73	122.5(5)	245.5	
				9/06/73	195.5(1)	125.0						4/30/73	119.5(5)	248.5	
01S/10W-31E01 S 19			306.4	10/20/72	84.0	222.4	1101					5/28/73	121.5(5)	246.5	
				11/20/72	85.0	221.4						6/24/73	124.5(5)	243.5	
				12/15/72	84.0	222.4						7/31/73	126.5(5)	241.5	
				1/11/73	83.0	223.4		01S/11W-02C01 S 19			367.5	10/07/72	143.0(5)	224.5	1101
				2/15/73	84.0	222.4						11/14/72	143.0(5)	224.5	
				3/15/73	85.0	221.4						12/14/72	141.0(5)	226.5	
				4/15/73	80.0	226.4						1/14/73	147.0(5)	220.5	
				5/15/73	77.0	229.4						2/14/73	147.0(1)	220.5	
				6/15/73	75.0	231.4						3/14/73	136.0(1)	231.5	
				7/15/73	87.0	219.4						4/14/73	123.5(1)	244.0	
				8/15/73	85.0	221.4						5/14/73	122.0(1)	245.5	
				9/15/73	88.0	218.4						6/21/73	126.5(1)	241.0	
01S/10W-31F03 S 19			309.0	10/20/72	93.5	215.5	1101					7/14/73	126.0(1)	238.5	
				11/20/72	101.5	207.5		01S/11W-02F01 S 19			360.0	10/04/72	135.3(5)	224.7	5062
				12/15/72	91.5	217.5						11/01/72	135.3(5)	224.7	
				1/11/73	89.5	219.5						12/06/72	135.3(5)	224.7	
				2/15/73	89.5	219.5						1/04/73	134.3(5)	225.7	
				3/15/73	88.5	220.5						2/07/73	134.3(5)	225.7	
				4/15/73	86.5	222.5						3/07/73	126.3(5)	233.7	
				5/15/73	82.5	226.5						4/04/73	115.3(5)	244.7	
				6/15/73	82.5	226.5						5/02/73	111.3(5)	248.7	
				7/15/73	89.5	219.5						6/06/73	113.3(5)	246.7	
				8/15/73	89.5	219.5						7/05/73	117.3(5)	242.7	
				9/15/73	94.5	214.5						8/01/73	121.3(5)	238.7	
01S/10W-31G04 S 19			312.0	11/15/72	84.5(5)	227.5	1101					9/05/73	124.3(5)	235.7	
				1/03/73	87.5(5)	224.5		01S/11W-02F02 S 19			360.0	10/04/72	135.7(5)	224.3	5062
				3/05/73	82.5(5)	229.5						11/01/72	135.7(5)	224.3	
				5/02/73	80.5(5)	231.5						12/06/72	134.7(5)	225.3	
				7/05/73	81.5(5)	230.5						1/04/73	133.7(5)	226.3	
				9/06/73	83.5(5)	228.5						2/07/73	133.7(5)	226.3	
01S/10W-31G06 S 19			312.0	11/15/72	159.4(1)	152.6	1101					3/07/73	125.7(5)	234.3	
				1/03/73	88.4(5)	223.6						4/04/73	114.7(5)	245.4	
				3/05/73	83.4(5)	228.6						5/02/73	110.7(5)	249.3	
				5/02/73	80.4(5)	231.6						6/06/73	112.7(5)	247.3	
				7/05/73	193.4(1)	118.6						7/05/73	116.7(5)	247.3	
				9/06/73	194.4(1)	117.6						8/01/73	120.7(5)	239.3	
01S/10W-31L01 S 19			306.6	10/20/72	83.0	223.6	1101					9/05/73	123.7(5)	236.3	
				11/20/72	99.0(1)	207.6		01S/11W-02G01 S 19			368.0	11/01/72	147.9(5)	220.1	1101
				12/15/72	93.0	213.6						12/01/72	143.9(5)	224.1	
				1/11/73	91.0	215.6						1/31/73	145.9(5)	222.1	
				2/15/73	83.0	223.6						2/28/73	140.9(5)	227.1	
				3/15/73	102.0(1)	204.6						3/31/73	123.9(5)	244.1	
				4/15/73	89.0	217.6						4/30/73	121.9(5)	246.1	
				5/15/73	83.0	223.6						5/28/73	115.9(5)	252.1	
				6/15/73	84.0	222.6						6/25/73	125.9(5)	242.1	
				7/15/73	87.0	219.6						7/31/73	127.9(5)	240.1	
				8/15/73	89.0	217.6						8/31/73	129.9(5)	238.1	
				9/15/73	90.0	216.6						9/23/73	135.9(5)	232.1	
01S/10W-31P05 S 19			303.0	10/20/72	103.0	200.0	1101	01S/11W-02H01 S 19			376.0	11/01/72	149.5(5)	226.5	1101
				11/20/72	100.0	203.0						12/01/72	147.5(5)	228.5	
				12/15/72	91.0	212.0						1/31/73	147.5(5)	228.5	
				1/11/73	90.0	213.0						2/28/73	146.5(5)	229.5	
				2/15/73	84.0	219.0						3/31/73	125.5(5)	250.5	
				3/15/73	84.0	219.0						4/30/73	121.5(5)	254.5	
				4/15/73	85.0	218.0						5/28/73	121.5(5)	254.5	
				5/15/73	93.0	210.0						6/24/73	126.5(5)	249.5	
				6/15/73	89.0	214.0						7/31/73	131.5(5)	244.5	
				7/15/73	108.0	195.0						8/31/73	137.5(5)	238.5	
				8/15/73	109.0	194.0						9/23/73	140.5(5)	235.5	
				9/15/73	100.0	203.0		01S/11W-02K04 S 19			357.0	12/20/72	139.1	217.9	1733
01S/10W-32B01 S 19			341.0	11/14/72	154.2(1)	186.8	1101					1/10/73	139.2	217.8	
				1/12/73	131.2(5)	209.8						2/21/73	137.3	219.7	
				3/05/73	146.2(1)	194.8						3/16/73	122.9	234.1	
				5/02/73	142.2(1)	198.8						4/03/73	113.7	243.3	
				7/10/73	147.2(1)	193.8						5/16/73	107.1	249.9	
				9/07/73	143.2(1)	197.8						6/06/73	107.6	249.4	
01S/10W-33P01 S 19			343.0	11/10/72	76.0	267.0	1101								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1
01S/11W-02K04 S 19 (CONTINUED)			357.0	7/18/73 8/08/73 9/19/73	113.8 116.6 121.3	243.2 240.4 235.7	1733	01S/11W-08F02 S 19			381.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	207.5(5) 207.5(5) 203.5(5) 201.5(5) 197.5(5) 197.5(5) 197.5(5) 199.5(5) 199.5(5) 207.5(5) 207.5(5) 205.5(5)	173.5 173.5 177.5 179.5 183.5 183.5 183.5 181.5 181.5 173.5 173.5 175.5	1101
01S/11W-02L02 S 19			354.0	4/03/73	109.4	244.6	1101								
01S/11W-02N01 S 19			348.0	11/13/72 4/11/73	121.0 121.6	227.0 226.4	1101								
01S/11W-02N02 S 19			345.0	4/03/73	103.0	242.0	1101								
01S/11W-04R01 S 19			231.6	11/17/72 4/03/73	17.2 17.0	214.4 214.6	1101								
01S/11W-04L02 S 19			369.5	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/16/73 6/06/73 7/05/73 8/01/73 9/05/73	122.9(5) 124.9(5) 125.9(5) 125.9(5) 125.9(5) 125.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 125.9(5) 126.9(5)	246.6 244.6 243.6 243.6 243.6 243.6 244.6 244.6 244.6 244.6 243.6 242.6	5062	01S/11W-08J07 S 19			350.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	158.5(5) 158.5(5) 149.5(5) 155.5(5) 149.5(5) 151.5(5) 151.5(5) 152.5(5) 159.5(5) 159.5(5) 159.5(5)	191.5 191.5 200.5 194.5 200.5 198.5 198.5 197.5 190.5 190.5 190.5	1101
01S/11W-06N01 S 19			506.0	10/19/72 11/15/72 12/15/72 1/30/73 2/15/73 3/14/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	327.0(5) 329.0(5) 329.0(5) 325.0(5) 322.0(5) 319.0(5) 319.0(5) 320.0(5) 319.0(5) 322.0(5) 325.0(5) 322.0(5)	179.0 177.0 177.0 181.0 184.0 187.0 187.0 186.0 187.0 184.0 181.0 184.0	1101	01S/11W-08K01 S 19			350.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/02/73 9/03/73	107.0(5) 109.0(5) 109.0(5) 106.0(5) 109.0(5) 109.0(5) 109.0(5) 111.0(5) 112.0(5) 112.0(5) 112.0(5) 109.0(5)	243.0 241.0 241.0 244.0 241.0 241.0 241.0 239.0 236.0 236.0 236.0 241.0	1101
01S/11W-06N02 S 19			505.0	10/15/72 11/15/72 12/15/72 1/15/73 2/05/73 3/04/73 4/10/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	337.7(5) 337.7(5) 328.7(5) 328.7(5) 328.7(5) 328.7(5) 326.7(5) 334.7(5) 328.7(5) 328.7(5) 329.7(5) 336.7(5)	167.3 167.3 176.3 176.3 176.3 176.3 178.3 170.3 176.3 176.3 175.3 168.3	1101	01S/11W-08K02 S 19			350.0	1/01/73	95.0(5)	255.0	1101
								01S/11W-09N02 S 19			360.0	12/13/72	NM-0		1101
								01S/11W-09G03 S 19			331.2	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/03/73 5/01/73 6/29/73 7/31/73 9/11/73	89.9 90.4 92.4 92.1 92.2 89.1 88.3 88.8 89.4 91.1	241.3 240.4 238.4 239.1 239.0 242.1 242.4 242.4 241.4 240.1	1101
01S/11W-07C01 S 19			423.4	10/25/72 11/24/72 1/09/73 2/24/73 3/05/73 4/04/73 5/01/73 6/29/73 7/31/73 9/11/73	210.8 209.7 210.3 210.5 210.0 209.9 210.4 212.3 213.1 213.1	212.6 213.7 213.1 212.9 213.4 213.5 213.0 211.1 210.3 210.3	1101	01S/11W-09N04 S 19			311.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	99.0(5) 97.0(5) 95.5(5) 95.0(5) 97.0(5) 99.0(5) 81.5(5) 82.0(5) 79.0(5) 88.0(5) 90.0(5) 91.0(5)	212.0 214.0 215.4 216.1 214.6 222.1 229.5 229.1 232.6 223.1 221.1 220.1	1101
01S/11W-07H02 S			385.0	12/13/72	NM-0		1101	01S/11W-10H01 S 19			325.0	11/08/72 4/11/73	101.6(8) 79.9(8)	223.4 245.1	1101
01S/11W-07N01 S 19			370.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	200.5(5) 204.5(5) 196.5(5) 194.5(5) 192.5(5) 192.5(5) 192.5(5) 192.5(5) 193.5(5) 198.5(5) 200.5(5) 200.5(5)	169.5 165.5 173.5 175.5 177.5 177.5 177.5 177.5 176.5 171.5 169.5 169.5	1101	01S/11W-10N04 S 19			310.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	90.0(5) 89.0(5) 89.0(5) 85.0(5) 86.0(5) 83.0(5) 82.0(5) 73.0(5) 84.0(5) 80.0(5) 95.0(5) 86.0(5)	220.0 214.0 221.0 225.0 224.0 227.0 224.0 237.0 226.0 230.0 225.0 224.0	1101
01S/11W-07N02 S 19			365.0	10/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	213.5(5) 179.5(5) 179.5(5) 177.5(5) 175.5(5) 182.5(5) 178.5(5) 185.5(5) 185.5(5) 186.5(5)	151.5 185.5 185.5 187.5 189.5 182.5 186.5 179.5 179.5 178.5	1101	01S/11W-10N08 S 19			310.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	87.0(5) 86.0(5) 86.0(5) 83.0(5) 84.0(5) 79.0(5) 77.0(5) 78.0(5) 78.0(5) 80.0(5) 95.0(5) 86.0(5)	223.0 224.0 224.0 227.0 226.0 231.0 233.0 233.0 233.0 230.0 225.0 224.0	1101
01S/11W-08A03 S 19			378.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	178.2(5) 176.0(5) 170.0(5) 173.0(5) 170.0(5) 165.0(5) 161.0(5) 171.0(5) 168.0(5) 174.6(5) 174.5(5) 174.0(5)	199.8 202.0 208.0 205.0 208.0 213.0 217.0 207.0 210.0 203.4 203.5 204.0	5062	01S/11W-10P02 S 19			321.0	10/27/72 11/13/72 12/26/72 4/03/73	95.8 96.3 102.6 80.4	225.2 224.7 218.4 204.6	1101
								01S/11W-10R02 S 19			326.0	1/12/73	103.6	222.4	1101

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1
01S/11W-10P02 S 19			326.0	4/04/73	95.2	230.8	1101	01S/11W-14F02 S 19			324.0	10/20/72	98.0(5)	226.0	1101
01S/11W-10R03 S 19			326.5	10/25/72	100.5	226.0	1101					11/20/72	97.0(5)	227.0	
				11/13/72	99.8	226.7						12/15/72	102.0(5)	222.0	
				1/08/73	98.8	227.7						1/11/73	103.0(5)	221.0	
				2/22/73	74.3	252.2						2/15/73	102.0(5)	222.0	
				3/05/73	71.4	255.1						3/15/73	92.0(5)	232.0	
				4/02/73	70.9	255.6						4/15/73	84.0(5)	240.0	
				5/01/73	74.0	252.5						5/15/73	83.0(5)	241.0	
				6/29/73	79.7	246.8						6/15/73	83.0(5)	241.0	
				7/31/73	83.4	243.1						7/15/73	86.0(5)	238.0	
				9/11/73	87.8	238.7						8/15/73	89.0(5)	235.0	
												9/15/73	89.0(5)	235.0	
01S/11W-11R01 S 19			300.0	11/14/72	75.0	225.0	1101	01S/11W-14F04 S			325.0	6/15/73	NM-0		1101
				1/22/73	74.4	225.6		01S/11W-14K01 S 19			315.0	10/10/72	93.2	221.8	1101
				3/20/73	64.3	235.7						11/10/72	94.1	220.9	
01S/11W-11C04 S 19			355.0	10/05/72	136.9(5)	218.1	5062					12/13/72	94.5	220.5	
				11/01/72	143.9(1)	211.1						1/08/73	94.0	221.0	
				12/06/72	134.9(5)	220.1						2/13/73	92.2	222.8	
				1/04/73	111.9(5)	223.1						3/12/73	76.0	239.0	
				2/07/73	138.9(5)	216.1						4/03/73	67.5	247.5	
				3/07/73	129.9(5)	225.1						5/07/73	73.6	241.4	
				4/04/73	118.9(5)	236.1						6/01/73	74.8	240.2	
				5/02/73	117.9(5)	237.1						7/09/73	76.8	238.2	
				6/06/73	119.9(5)	235.1						8/03/73	79.0	236.0	
				7/05/73	122.9(5)	232.1						9/12/73	81.7	233.3	
				8/01/73	126.9(5)	228.1		01S/11W-14M04 S 19			324.5	10/20/72	102.0	222.5	1101
				9/05/73	129.9(5)	225.1						11/20/72	102.0	222.5	
01S/11W-11F04 S 19			337.0	10/18/72	108.4	228.6	1733					12/15/72	101.0	223.5	
				11/08/72	111.4	225.6						1/11/73	101.0	223.5	
				12/20/72	110.6	226.4						2/15/73	101.0	223.5	
				1/10/73	110.5	226.5						3/15/73	90.0	234.5	
				2/21/73	103.3	233.7						4/15/73	82.0	242.5	
				3/16/73	93.7	243.3						5/15/73	83.0	241.5	
				4/03/73	87.9	249.1						6/15/73	83.0	241.5	
				5/16/73	86.2	250.8						7/15/73	84.0	240.5	
				6/06/73	86.8	250.2						8/15/73	89.0	235.5	
				7/18/73	91.2	245.8						9/15/73	89.0	235.5	
				8/08/73	93.8	243.2		01S/11W-15C02 S 19			318.0	10/25/72	90.1	227.9	1101
				9/19/73	98.7	238.3						11/13/72	90.7	227.3	
01S/11W-11L03 S 19			339.0	10/10/72	114.4	224.6	1101					1/08/73	92.4	225.6	
				11/10/72	115.7	223.3						3/05/73	86.3	231.7	
				12/13/72	115.0	224.0						4/02/73	71.1	246.9	
				1/08/73	115.0	224.0						5/01/73	78.0	240.0	
				2/13/73	114.0	225.0						6/29/73	76.1	241.9	
				3/12/73	103.6	235.4						7/31/73	78.2	239.8	
				4/03/73	94.0	245.0		01S/11W-16A01 S			292.4	11/13/72	63.3	229.1	1101
				5/07/73	92.4	246.6						4/03/73	57.3	235.1	
				6/01/73	91.6	247.4		01S/11W-16F01 S			296.0	11/10/72	82.8	213.2	110
				7/06/73	94.6	244.4						4/03/73	70.2	225.8	
				8/03/73	97.9	241.1		01S/11W-16N01 S			285.0	10/31/72	69.0(5)	216.0	1101
				9/12/73	102.5	236.5						11/30/72	69.0(5)	216.0	
01S/11W-12A01 S 19			377.7	3/12/73	131.7	246.0	1101					12/29/72	72.0(5)	213.0	
				4/07/73	114.7	263.0						1/31/73	69.0(5)	216.0	
				5/07/73	125.7	252.0						2/28/73	67.0(5)	218.0	
				6/01/73	126.5	251.2						3/29/73	62.0(5)	223.0	
				7/02/73	131.7(4)	246.0						4/30/73	63.0(5)	222.0	
				8/02/73	126.9(4)	240.8						5/31/73	66.0(5)	219.0	
				9/11/73	142.3(4)	235.4						6/29/73	67.0(5)	218.0	
01S/11W-12R01 S 19			334.4	3/05/73	101.6	232.8	1101					7/31/73	68.0(5)	217.0	
				4/03/73	78.4	256.0						8/31/73	69.0(5)	216.0	
				8/17/73	91.4	243.0						9/28/73	69.0(5)	216.0	
01S/11W-12G01 S 19			359.2	10/10/72	137.5	221.7	1101	01S/11W-17R02 S 19			314.6	11/10/72	76.3	238.3	1101
				11/10/72	138.8	220.4						4/04/73	78.3	236.1	
				12/13/72	137.0	222.2		01S/11W-17R05 S 19			313.0	10/01/72	129.0(5)	184.0	1101
				1/08/73	136.5	222.7						11/01/72	137.0(5)	176.0	
				2/13/73	134.5	224.7						12/01/72	137.0(5)	176.0	
				3/07/73	122.0	237.2						1/01/73	137.0(5)	176.0	
				4/02/73	93.5	265.7						2/01/73	127.0(5)	186.0	
				5/07/73	108.8	250.4						3/01/73	122.0(5)	191.0	
				6/01/73	109.8	249.4						4/01/73	115.0(5)	198.0	
				7/02/73	113.8	245.4						5/01/73	132.0(5)	181.0	
				8/02/73	119.0	240.2						6/01/73	122.0(5)	191.0	
				9/11/73	124.2	235.0						7/01/73	122.0(5)	191.0	
01S/11W-12J01 S 19			370.7	10/04/72	148.4	222.3	1733					8/01/73	127.0(5)	186.0	
				12/06/72	145.6	225.1						9/01/73	127.0(5)	186.0	
				1/17/73	145.2	225.5		01S/11W-18A04 S 19			325.0	10/14/72	151.5(5)	173.4	1101
				2/07/73	145.5	225.2						11/14/72	152.5(5)	172.4	
				3/21/73	117.1	253.6						12/14/72	141.5(5)	183.5	
				4/02/73	117.1	253.6						1/14/73	145.5(5)	179.5	
				5/02/73	116.5	254.2						2/07/73	144.5(5)	180.5	
				6/13/73	118.9	251.8						3/14/73	137.5(5)	187.5	
				7/04/73	122.7	248.0						4/14/73	142.5(5)	182.5	
				8/15/73	129.5	241.2						5/14/73	143.5(5)	181.5	
				9/05/73	132.0	238.7						6/21/73	152.5(1)	172.5	
01S/11W-12J03 S			367.0	1/11/73	NM-0		1101					7/14/73	151.5(5)	173.5	
				7/20/73	NM-0							8/14/73	152.5(5)	172.5	
01S/11W-12J07 S 19			368.0	10/05/72	147.5(2)	220.5	1101					9/14/73	151.5(5)	173.5	
				11/10/72	149.0(2)	219.0		01S/11W-18A05 S 19			323.0	10/14/72	139.5(1)	183.5	1101
				12/08/72	145.5(2)	222.5						11/14/72	138.5(1)	184.5	
01S/11W-12R01 S 19			352.0	11/14/72	127.2	224.8	1101					12/14/72	146.0(5)	177.0	
				4/02/73	99.3	252.7									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/11W-18A05 S 19 (CONTINUED)			323.0	1/07/73 2/21/73 3/07/73 4/14/73 5/14/73 6/21/73 7/14/73 8/28/73 9/21/73	146.5(5) 142.5(5) 141.5(5) 159.5(1) 158.5(1) 163.0(1) 168.5(1) 149.5(5) 147.5(5)	176.5 180.5 181.5 163.5 164.5 160.0 154.5 173.5 175.5	1101	015/11W-20N01 S 19 (CONTINUED)			244.8	11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	25.7 26.2 26.5 26.8 26.6 26.7 26.6 26.7 26.8 27.0 27.2	219.1 218.4 218.7 218.2 218.1 218.1 218.2 218.1 218.1 217.9 217.8	1733
015/11W-18H01 S 19			321.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/16/73 4/07/73 5/16/73 6/06/73 8/08/73 9/19/73	104.2 103.9 103.2 105.7 102.8 103.2 102.7 104.1 107.9(4) 106.2(2) 106.2(4)	216.8 217.1 217.8 215.3 218.2 217.8 218.3 216.9 213.1 214.8 214.8	1733	015/11W-21D02 S 19			272.4	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/16/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	51.7 52.5 53.9 54.6 55.5 55.7 55.7 54.9 54.4 53.9 53.8 53.8	220.7 219.4 218.5 217.8 216.7 216.1 216.7 217.7 218.1 218.6 218.6	1733
015/11W-18K01 S 19			330.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	147.0(5) 146.0(5) 142.0(5) 142.0(5) 140.0(5) 138.0(5) 140.0(5) 143.0(5) 143.0(5) 140.0(5) 147.0(5) 145.0(5)	183.0 184.0 188.0 188.0 190.0 192.0 190.0 187.0 187.0 190.0 183.0 185.0	1101	015/11W-21D05 S			268.2	10/25/72 11/13/72 4/02/73 5/07/73	NW-3 NW-3 NW-6 NW-4		1101
015/11W-19F01 S 19			272.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	100.0(5) 103.0(5) 98.0(5) 95.0(5) 94.0(5) 92.0(5) 95.0(5) 96.0(5) 98.0(5) 105.0(5) 103.0(5) 100.0(5)	172.0 169.0 174.0 177.0 178.0 180.0 177.0 176.0 174.0 167.0 169.0 172.0	1101	015/11W-21G01 S 19			286.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	66.5(5) 66.5(5) 66.5(5) 67.5(5) 66.5(5) 63.5(5) 60.5(5) 59.5(5) 59.5(5) 60.5(5) 60.5(5) 61.5(5)	219.6 219.6 219.6 218.6 219.6 222.5 225.5 226.5 226.5 226.5 225.5 224.5	1101
015/11W-19M01 S 19			279.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	99.5(5) 94.5(5) 93.5(5) 93.5(5) 94.5(5) 93.5(5) 95.5(5) 94.5(5) 96.5(5) 101.5(5) 104.5(5) 100.5(5)	180.0 185.0 186.0 186.0 185.0 186.0 186.0 185.0 183.0 178.0 175.0 179.0	1101	015/11W-21G07 S 19			284.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	75.0(5) 75.0(5) 74.0(5) 73.0(5) 70.0(5) 62.0(5) 61.0(5) 63.0(5) 67.0(5) 68.0(5) 70.0(5) 70.0(5)	209.0 209.0 210.0 211.0 214.0 222.0 223.0 221.0 217.0 218.0 214.0 214.0	1101
015/11W-19001 S 19			247.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	59.0(5) 55.0(5) 58.0(5) 54.0(5) 53.0(5) 51.0(5) 53.0(5) 53.0(5) 55.0(5) 57.0(5) 63.0(5) 57.0(5)	188.0 192.0 189.0 193.0 194.0 196.0 194.0 194.0 192.0 190.0 184.0 190.0	1101	015/11W-21H01 S 19			283.0	12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	70.5(5) 60.5(5) 59.5(5) 60.5(5) 60.5(5) 72.5(5) 63.5(5) 64.5(5) 67.5(5) 67.5(5)	212.5 222.5 223.0 222.0 213.5 218.5 219.0 218.0 215.0 215.0	1101
015/11W-19001 S 19			247.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	59.0(5) 55.0(5) 58.0(5) 54.0(5) 53.0(5) 51.0(5) 53.0(5) 53.0(5) 55.0(5) 57.0(5) 63.0(5) 57.0(5)	188.0 192.0 189.0 193.0 194.0 196.0 194.0 194.0 192.0 190.0 184.0 190.0	1101	015/11W-21K01 S 19			390.0	10/04/72 11/04/72 12/14/72 1/12/73 2/08/73 3/09/73 4/03/73 5/10/73 6/01/73 7/12/73 8/22/73 9/06/73	159.0 160.4 160.4 161.0 162.5 161.5 157.6 154.0 151.7 151.1 153.0 153.0	231.0 224.0 224.1 225.0 227.5 228.5 232.4 236.0 238.0 238.4 237.0 237.0	1101
015/11W-19001 S 19			243.6	11/13/72 4/03/73	23.7 24.2	219.9 219.4	1101	015/11W-21001 S 19			271.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	54.5(5) 56.5(5) 55.5(5) 55.5(5) 54.5(5) 52.5(5) 47.5(5) 46.5(5) 46.5(5) 47.5(5) 48.5(5) 48.5(5)	216.5 214.5 215.5 215.5 216.5 218.5 223.5 223.5 223.5 223.5 222.5 222.5	1101
015/11W-20G02 S 19			256.5	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/02/73 5/07/73 6/01/73 7/31/73 9/11/73	29.4 29.8 30.8 31.5 31.4 31.6 32.0 32.0 32.2 32.5	227.1 226.7 225.7 225.0 225.1 224.9 224.5 224.5 224.3 224.0	1101	015/11W-22F02 S 19			292.6	6/27/73 7/18/73 8/29/73 9/19/73	63.0 63.5 64.9 64.9	229.6 229.1 227.7 227.7	1733
015/11W-20L01 S 19			257.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	56.5(5) 55.5(5) 54.5(5) 53.5(5) 52.5(5) 50.5(5) 49.5(5) 52.5(5) 54.5(5) 55.5(5) 55.5(5) 56.5(5)	200.5 201.5 202.5 203.5 204.5 206.5 207.5 204.5 202.5 201.5 201.5 200.5	1101	015/11W-23K03 S 19			297.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73	76.3 78.1 77.7 77.5 76.7 52.9	220.7 218.9 219.3 219.5 220.3 244.1	1101
015/11W-20N01 S 19			244.8	10/18/72	25.3	219.5	1733								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
01S/11W-23K03 S 19 (CONTINUED)			297.0	4/02/73 5/07/73 6/01/73 7/09/73 8/02/73 9/11/73	42.2 60.7 62.1 64.0 65.1 57.8	254.8 236.3 234.9 233.0 231.9 239.2	1101	01S/11W-26G01 S 19 (CONTINUED)			284.0	8/15/77 9/15/77	62.5(5) 61.5(5)	221.5 222.5	1101
01S/11W-24F01 S 19			314.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	95.0 94.1 95.6 97.5 94.0 87.5 81.2 82.9 77.0 77.8 79.3 81.5	219.0 219.9 218.4 216.5 220.0 226.5 232.8 231.1 237.0 236.2 234.7 232.5	1101	01S/11W-26R05 S 19			291.0	10/11/77 11/01/77 12/13/77 1/01/78 2/14/77 3/07/77 4/02/77 5/09/77 6/20/77 7/11/77 8/01/77 9/12/77	70.1 71.0 70.7 70.4 70.4 68.6 64.8 60.9 59.8 60.0 60.1 60.2	220.9 220.0 220.3 220.6 220.6 222.4 226.2 230.1 231.2 231.0 230.9 230.8	1733
01S/11W-24004 S 19			317.5	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	94.5 95.5 94.5 94.0 94.0 90.3 89.0 81.5 83.3 81.3 82.2 84.0(1)	223.0 222.0 223.0 223.5 223.5 227.2 228.5 236.0 234.2 236.2 235.3 233.5	1101	01S/11W-27H05 S 19			291.0	10/10/77 11/10/77 12/13/77 1/08/78 2/13/78 3/12/78 4/03/78 5/07/78 6/01/78 7/02/78 8/03/78 9/11/78	77.6 80.0 74.0 73.5 73.5 68.1 63.2 66.8 67.0 63.1 63.4 63.2	213.4 211.0 217.0 217.5 217.5 222.9 227.8 224.2 229.0 227.4 227.6 227.8	1101
01S/11W-24008 S 19			315.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	101.5(5) 98.5(5) 98.5(5) 96.5(5) 95.5(5) 95.5(5) 85.5(5) 87.5(5) 83.5(5) 91.5(5) 90.5(5) 88.5(5)	213.5 216.5 216.5 218.5 219.5 219.5 229.5 227.5 231.5 223.5 224.5 226.5	1101	01S/11W-27003 S			280.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	62.5 62.5 61.5 61.5 61.5 58.5 54.5 50.5 49.5 51.5 52.5 52.5	217.5 217.5 218.5 218.5 218.5 221.5 225.5 229.5 230.5 228.5 227.5 227.5	1101
01S/11W-25D01 S 19			297.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	72.4 72.5 71.1 70.2 70.2 64.1 60.1 56.5 57.3 59.6 58.9 60.3	224.6 224.5 225.9 226.8 226.8 232.9 236.9 240.5 239.7 237.4 238.1 236.7	1101	01S/11W-28R01 S 19			266.0	10/18/72 11/08/72 12/15/72 1/10/73 2/15/73 3/14/73 4/03/73 5/15/73 6/06/73 7/15/73 8/08/73 9/15/73	51.4 52.2 52.0(5) 52.6 41.0(5) 51.2 49.6 50.0(5) 46.0 53.0(5) 46.2 57.0(5)	214.6 213.8 214.0 213.4 225.0 214.8 216.4 216.0 220.0 213.0 219.8 209.0	1733 1101 1733 1101 1733 1101 1733 1101
01S/11W-25001 S 19			305.0	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	77.2 78.2 79.0 79.1 79.5 79.7 77.0 73.9(4) 71.6 72.1 72.1 72.5	227.8 226.8 226.0 225.9 225.5 225.3 228.0 231.1 233.4 232.9 232.9 232.5	1733	01S/11W-28D02 S 19			272.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	57.7 58.3 58.3 58.4 57.9 57.1 55.8 53.8 53.4 53.6 53.8 53.9	214.3 213.7 213.7 213.5 214.1 214.9 216.2 218.2 218.6 218.4 218.2 218.1	1733
01S/11W-26R01 S 19			290.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	69.6 70.8 70.2 68.4 68.6 59.5 53.5 54.8 55.4 56.9 57.3 56.7	220.4 219.2 219.8 221.6 221.4 230.5 236.5 235.2 234.6 233.1 232.7 233.3	1101	01S/11W-28M03 S 19			255.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	45.0(5) 45.0(5) 45.0(5) 44.0(5) 44.0(5) 43.0(5) 43.0(5) 41.0(5) 41.0(5) 41.0(5) 40.0(5) 40.0(5)	210.0 210.0 210.0 211.0 211.0 212.0 212.0 214.0 214.0 214.0 215.0 215.0	1101
01S/11W-26002 S 19			295.0	11/16/72 1/09/73 3/12/73 5/08/73 7/05/73 9/04/73	89.5(1) 86.5(1) 63.5 60.0 71.5(1) 74.5(1)	205.5 208.5 231.5 235.0 223.5 220.5	1101	01S/11W-28R01 S 19			257.6	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	43.9 44.5 44.4 44.2 43.8 41.8 39.3 37.6 37.3 37.2 37.5 37.3	213.7 213.1 213.2 213.4 213.8 215.8 218.3 220.0 220.3 220.4 220.1 220.3	1733
01S/11W-26G01 S 19			284.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73	71.5(5) 70.5(5) 72.5(5) 69.5(5) 68.5(5) 67.5(5) 59.5(5) 60.5(5) 59.5(5) 61.5(5)	212.5 213.5 211.5 214.5 215.5 216.5 224.5 223.5 224.5 222.5	1101	01S/11W-29R03 S 19			253.5	10/20/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73	46.5 45.5 44.5 42.5 40.5 41.5 41.5 41.5	207.0 208.0 209.0 211.0 213.0 212.0 212.0 212.0	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1
01S/11W-29R03 S 19 (CONTINUED)			253.5	8/15/73 9/15/73	43.5 41.5	210.0 212.0	1101	01S/11W-30001 S			223.7	4/03/73	15.5	208.2	1101
01S/11W-29D02 S			241.0	11/10/72 12/20/72 4/03/73	NW-9 DPY DPY		1101	01S/11W-30R02 S 19			230.0	10/24/72 11/28/72 3/27/73 4/24/73 6/25/73 7/23/73	25.5 25.5 24.0 21.6 23.3 23.0	204.5 204.5 206.0 208.4 206.7 207.0	1101
01S/11W-30R01 S 19			236.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	54.0(5) 43.0(5) 43.0(5) 49.0(5) 45.0(5) 40.0(5) 43.0(5) 42.0(5) 43.0(5) 51.0(5) 56.0(5) 44.0(5)	182.0 193.0 193.0 187.0 191.0 196.0 193.0 194.0 193.0 185.0 180.0 192.0	1101	01S/11W-31C01 S 19			214.0	11/10/72 4/03/73	23.3 18.5(4)	190.7 195.5	1101
01S/11W-30R02 S 19			230.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	54.0(5) 43.0(5) 43.0(5) 43.0(5) 42.0(5) 40.0(5) 43.0(5) 42.0(5) 43.0(5) 49.0(5) 54.0(5) 44.0(5)	176.0 187.0 187.0 187.0 188.0 190.0 187.0 188.0 187.0 181.0 176.0 186.0	1101	01S/11W-31D02 S 19			230.4	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	46.8 42.7 41.8 42.0 38.8 38.8 40.7 42.4 44.6 43.7 44.6 43.7	183.6 187.7 188.6 188.4 191.6 191.6 189.7 188.0 185.4 186.7 185.4 186.7	1101
01S/11W-30R03 S 19			233.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	53.5(5) 44.5(5) 44.5(5) 44.5(5) 43.5(5) 44.5(5) 44.5(5) 44.5(5) 46.5(5) 54.5(5) 61.5(5) 47.5(5)	179.5 188.5 188.5 188.5 189.5 188.5 188.5 188.5 186.5 178.5 171.5 185.5	1101	01S/11W-31P01 S 19			206.0	11/10/72 4/03/73	12.3 12.8	193.7 193.2	1101
01S/11W-30F03 S 19			230.0	10/09/72 11/06/72 12/11/72 1/15/73 2/12/73 3/12/73 4/16/73 5/14/73 6/11/73 7/09/73 8/06/73 9/10/73	55.0(5) 51.0(5) 45.0(5) 45.0(5) 43.0(5) 44.0(5) 44.0(5) 44.0(5) 46.0(5) 51.0(5) 51.0(5) 50.0(5)	175.0 179.0 185.0 185.0 187.0 186.0 186.0 186.0 184.0 179.0 179.0 180.0	1101	01S/11W-31D02 S 19			200.0	11/10/72 4/03/73	6.7 7.0	193.3 193.0	1101
01S/11W-30F01 S 19			234.5	10/10/72 11/06/72 12/11/72 1/17/73 2/12/73 3/12/73 4/09/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	54.0(5) 50.0(5) 45.0(5) 44.0(5) 41.0(5) 40.0(5) 41.0(5) 43.0(5) 47.0(5) 50.0(5) 52.0(5) 49.0(5)	180.5 184.5 189.5 190.5 193.5 194.5 193.5 191.5 187.5 184.5 182.5 185.5	1101	01S/11W-32R01 S 19			230.5	11/20/72	26.0	204.5	1101
01S/11W-30F03 S 19			230.0	10/09/72 11/06/72 12/11/72 1/15/73 2/12/73 3/12/73 4/17/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	49.5(5) 48.5(5) 39.5(5) 39.5(5) 39.5(5) 38.5(5) 37.5(5) 40.5(5) 49.5(5) 52.5(5) 53.5(5) 50.5(5)	180.5 181.5 190.5 190.5 190.5 191.5 192.5 189.5 180.5 177.5 176.5 179.5	1101	01S/11W-32H05 S 19			231.9	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	29.0 29.0 27.4 27.2 26.2 25.8 25.3 24.5 24.1 24.4 24.4(4) 24.7(4)	202.4 202.9 204.5 204.7 205.7 206.1 206.4 207.4 207.9 207.5 207.5 207.2	173.1
01S/11W-30D02 S 19			229.0	10/09/72 11/06/72 12/12/72 1/15/73 2/12/73 3/12/73 4/09/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	51.0(5) 49.0(5) 43.0(5) 43.0(5) 40.0(5) 38.0(5) 37.5(5) 40.5(5) 49.5(5) 52.5(5) 53.5(5) 50.5(5)	178.0 180.0 186.0 186.0 189.0 191.0 192.5 189.5 184.0 181.0 183.0	1101	01S/11W-32P01 S 19			220.5	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/20/73	23.8 21.6 19.9 20.2 18.0 17.3 17.8 17.5 18.1 17.9 20.5(4) 18.1	196.7 198.4 200.4 200.3 202.5 203.2 202.7 203.0 202.4 202.6 200.0 202.4	1101
01S/11W-30R02 S 19			225.0	11/10/72 4/03/73	42.3 32.5	182.7 192.5	1101	01S/11W-32D02 S 19			223.4	11/17/72 4/10/73	21.7 18.6	201.7 204.4	1101
01S/11W-30001 S			223.7	11/10/72	15.2	208.5	1101	01S/11W-32R05 S 19			226.0	5/07/73	22.5	203.5	1101
								01S/11W-33G01 S 19			245.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	32.9 32.8 31.5 31.5 30.8 30.4 29.5 27.6 27.0 26.7 26.7 24.9	212.1 212.2 213.5 213.5 214.2 214.6 215.5 217.4 218.0 218.3 218.3 218.1	173.1
								01S/11W-33G04 S 19			246.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	40.5 39.5 35.5 36.5 35.5 33.5 30.5 30.5 31.5 33.5 36.5 41.5	205.5 206.5 210.5 209.5 210.5 212.5 215.5 215.5 214.5 212.5 209.5 204.5	1101



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01							
015/11W-33K01 S 19			237.0	11/14/72 4/03/73	32.2(4) 26.3	204.8 210.7	1101	015/11W-36001 S 19 (CONTINUED)			296.5	3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	54.2 58.7 54.1 54.1 54.2 54.5 54.8	242.3 237.8 242.4 242.4 242.3 242.0 241.7	1733
015/11W-33L01 S 19			235.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	27.3 26.4 24.8 24.7 23.9 23.7 23.3 22.1 21.7 21.6 21.6 22.0	207.7 208.6 210.2 210.3 211.1 211.3 211.7 212.9 213.3 213.4 213.4 213.0	1733	015/12W-01F01 S 19			498.6	10/04/72 11/30/72 12/13/72 1/10/73 2/28/73 4/12/73 5/05/73 6/05/73 7/09/73 8/16/73 9/10/73	331.0(5) 329.0(5) 325.0(5) 325.0(5) 324.0(5) 324.0(5) 324.0(5) 322.0(5) 331.0(5) 331.0(5) 338.0(5)	167.6 169.6 173.6 173.6 174.6 174.6 174.6 176.6 167.6 165.6 160.6	5062
015/11W-33P01 S 19			246.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	31.8 27.8 26.9 27.2 27.2 26.9 26.2 25.4 25.4 25.2 25.3 25.8	214.2 218.2 219.1 218.8 218.8 219.1 219.8 220.6 220.6 220.8 220.7 220.2	1733	015/12W-01F02 S 19			500.0	10/04/72 11/30/72 12/13/72 1/10/73 2/28/73 3/21/73 6/28/73 7/12/73 8/16/73 9/17/73	334.2(5) 330.2(5) 325.2(5) 327.2(5) 326.2(5) 321.2(5) 332.2(5) 333.2(5) 335.2(5) 337.2(5)	165.4 169.2 174.6 172.4 173.4 174.6 167.4 166.4 164.4 162.4	5062
015/11W-34F01 S 19			248.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	45.5(5) 47.5(5) 41.5(5) 40.5(5) 38.5(5) 37.5(5) 28.5(5) 32.5(5) 30.5(5) 33.5(5) 42.5(5) 44.5(5)	202.5 200.5 206.5 207.5 209.5 210.5 219.5 215.5 217.5 214.5 205.5 203.5	1101	015/12W-02H01 S			506.7	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73	348.0(5) 344.0(5) 341.0(5) 340.0(5) 336.0(5) 336.0(5) 335.0(5) 334.0(5) 336.0(5) 347.0(5) 346.0(5)	154.7 162.7 165.7 164.7 170.7 170.7 171.7 172.7 170.7 154.7 160.7	1171
015/11W-34F02 S 19			248.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	49.0(5) 49.0(5) 49.0(5) 39.0(5) 38.0(5) 37.0(5) 28.0(5) 32.0(5) 31.0(5) 34.0(5) 43.0(5) 44.0(5)	199.0 199.0 199.0 209.0 210.0 211.0 220.0 216.0 217.0 214.0 205.0 204.0	1101	015/12W-02H02 S 19			518.0	10/31/72 11/30/72 12/29/72 2/01/73 3/01/73 4/02/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	373.0 373.0 373.0 373.0 373.0 360.0 380.0 340.0 395.0 398.0 398.0	145.0 145.0 145.0 145.0 145.0 138.0 138.0 128.0 121.0 120.0 120.0	5062
015/11W-34F03 S 19			247.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	49.5(5) 44.5(5) 37.5(5) 36.5(5) 35.5(5) 36.5(5) 26.5(5) 30.5(5) 29.5(5) 32.5(5) 37.5(5) 43.5(5)	198.0 203.0 210.0 211.0 212.0 211.0 221.0 217.0 216.0 215.0 210.0 204.0	1101	015/12W-02001 S			478.9	10/01/72 11/01/72 12/01/72 1/02/73 2/02/73 3/02/73 4/02/73 6/02/73 7/02/73 8/02/73 9/02/73	308.0 308.0 317.0 317.0(5) 312.0(5) 312.0(5) 312.0(5) 311.0(5) 298.0(5) 307.0(5) 311.0(5)	170.4 170.4 161.4 161.4 166.4 166.4 166.4 167.0 180.4 171.4 167.0	1101
015/11W-34H01 S 19			264.0	11/10/72 12/12/72 1/04/73 2/13/73 3/12/73 4/03/73 5/03/73 6/01/73 7/06/73 8/01/73 9/11/73	28.4 29.6 36.5 26.0 26.6 25.4 23.6 22.6 23.0 22.7 23.3	235.6 234.4 227.5 238.0 237.4 238.4 240.4 241.4 241.0 241.3 240.7	1101	015/12W-03K01 S			496.5	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	355.1(5) 352.1(5) 346.1(5) 344.1(5) 344.1(5) 344.1(5) 347.1(5) 351.1(5) 349.1(5) 357.1(5) 359.1(5) 358.1(5)	141.4 144.4 150.4 152.4 152.4 152.4 144.4 145.4 147.4 139.4 137.4 138.4	1101
015/11W-34J01 S 19			257.2	4/02/73	38.5(4)	218.7	1101	015/12W-03M01 S			560.9	10/02/72 11/02/72 12/02/72 1/02/73 2/02/73 3/02/73 4/02/73 6/02/73 7/02/73 8/02/73 9/02/73	423.5(5) 423.5(5) 429.5(5) 429.5(5) 398.5(5) 402.5(5) 402.5(5) 403.5(5) 403.5(5) 413.5(5) 425.5(5) 402.5(5)	137.4 137.4 131.4 135.4 162.4 158.4 158.4 145.4 157.4 147.4 135.4 158.4	1101
015/11W-34K02 S 19			266.0	11/22/72 4/02/73	56.7 49.1	209.3 216.9	1101	015/12W-10A01 S 19			491.0	10/09/72 11/30/72 12/07/72 1/08/73 2/28/73 3/23/73 4/10/73 5/07/73 6/04/73 7/09/73	338.0(5) 337.0(5) 333.0(5) 335.0(5) 333.0(5) 331.0(5) 333.0(5) 333.0(5) 334.0(5) 340.0(5)	193.0 154.0 154.0 154.0 158.0 160.0 158.0 158.0 157.0 151.0	5062
015/11W-36G04 S 19			289.2	11/10/72 12/13/72 1/08/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	61.1 61.3 63.5 63.2 61.9 59.3 58.0 57.5 56.4 56.6	228.1 227.9 225.7 226.0 227.3 229.9 231.2 231.7 232.8 232.6	1101								
015/11W-36001 S 19			296.5	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73	51.1 51.8 52.7 53.1 54.1	245.4 244.7 243.8 243.4 242.4	1733								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
							U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01
01S/12W-10A01 S 19 (CONTINUED)			491.0	8/15/73 9/13/73	343.0(5) 338.0(5)	148.0 153.0	5062	01S/12W-14N01 S 19 (CONTINUED)			425.0	1/08/73 2/28/73 3/14/73 4/05/73 5/07/73 6/03/73 7/09/73 8/14/73 9/11/73	257.0(5) 256.0(5) 278.0(1) 255.0(5) 257.0(5) 257.0(5) 260.0(5) 264.0(5) 260.0(5)	168.0 169.0 147.0 170.0 168.0 168.0 165.0 161.0 165.0	5062
01S/12W-10F01 S 19				10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/09/73 4/03/73 5/10/73 6/07/73 7/12/73 8/02/73 9/13/73	378.2 378.6 376.2(5) 376.2(5) 370.0(5) 371.2(5) 371.0(5) 373.2(5) 387.2(1) 373.8 378.2(5) 381.0	156.4 156.0 158.4 158.4 164.6 163.4 163.6 161.4 147.4 160.8 156.4 153.6	1733    1733 5062 1733 5062  1733 5062				366.0	10/11/72 11/30/72 12/06/72 1/12/73 2/28/73 3/07/73 4/06/73 5/16/73 6/02/73 7/07/73 8/15/73 9/09/73	207.5(5) 202.5(5) 195.5(5) 197.5(5) 195.5(5) 193.5(5) 193.5(5) 195.5(5) 200.5(5) 209.5(5) 216.5(5) 207.5(5)	158.5 163.5 170.5 168.5 170.5 172.5 172.5 170.5 165.5 156.5 149.5 154.5	5062
01S/12W-10P01 S 19			440.0	10/10/72 11/30/72 12/08/72 1/11/73 2/28/73 3/13/73 4/04/73 5/07/73 6/02/73 7/09/73 8/14/73 9/11/73	278.1(5) 278.1(5) 276.1(5) 276.1(5) 275.1(5) 324.1(1) 276.1(5) 276.1(5) 276.1(5) 280.1(5) 278.1(5) 278.1(5)	161.9 161.9 163.9 163.9 164.9 115.9 163.9 163.9 163.9 159.9 161.9 161.9	5062				380.0	10/11/72 11/30/72 12/06/72 1/11/73 2/28/73 3/16/73 4/03/73 5/12/73 6/03/73 7/11/73 8/13/73 9/12/73	219.5(5) 216.5(5) 212.5(5) 212.5(5) 211.5(5) 210.5(5) 210.5(5) 214.5(5) 214.5(5) 221.5(5) 223.5(5) 212.5(5)	160.5 163.5 167.5 167.5 168.5 169.5 169.5 165.5 165.5 158.5 166.5 167.5	5062
01S/12W-11N01 S 19			440.0	10/31/72 11/29/72 12/29/72 2/01/73 3/01/73 4/02/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	250.0 250.0 250.0 259.0 259.0 259.0 253.0 259.0 262.0 263.0 263.0	190.0 190.0 190.0 181.0 181.0 181.0 187.0 181.0 178.0 177.0 177.0	5062				358.0	11/10/72 4/03/73	164.4 162.8	193.8 195.2	1101
01S/12W-11K01 S 19			416.3	10/04/72 11/30/72 12/12/72 1/09/73 2/28/73 3/13/73 4/04/73 5/07/73 6/04/73 7/08/73 8/16/73 9/13/73	262.5(5) 257.5(5) 253.5(5) 254.5(5) 252.5(5) 301.5(1) 254.5(5) 255.5(5) 252.5(5) 263.5(5) 265.5(5) 245.5(5)	153.8 158.8 162.8 161.8 163.8 114.8 161.8 160.8 163.8 152.8 150.8 170.8	5062				325.0	10/05/72 11/30/72 12/06/72 1/12/73 2/28/73 3/07/73 4/03/73 5/08/73 6/03/73 7/08/73 8/13/73 9/13/73	158.5(5) 157.5(5) 153.5(5) 151.5(5) 150.5(5) 148.5(1) 149.5(5) 151.5(5) 153.5(5) 158.5(5) 163.5(5) 163.5(5)	168.5 167.5 171.5 173.5 174.5 136.5 175.5 173.5 171.5 166.5 161.5 161.5	5062
01S/12W-11N02 S 19			402.0	10/07/72 11/30/72 12/04/72 1/04/73 2/28/73 3/05/73 4/03/73 6/08/73 7/09/73 8/08/73 9/10/73	276.4(1) 244.4(5) 239.4(5) 237.4(5) 237.4(5) 235.4(5) 237.4(5) 237.4(5) 244.4(5) 247.4 243.4(5)	156.6 157.6 162.6 164.6 164.6 166.6 166.6 164.6 157.6 154.6 158.6	5062				309.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/21/73 5/07/73 6/21/73 7/14/73 8/14/73 9/14/73	154.0(5) 148.0(5) 139.0(5) 143.0(5) 142.0(5) 143.0(5) 139.0(5) 138.0(5) 159.0(1) 141.0(5) 151.4(5) 152.0(5)	154.0 160.0 164.0 165.0 166.0 165.0 169.0 170.0 149.0 167.0 156.8 156.0	1101
01S/12W-12C01 S 19			435.7	10/31/72 11/30/72 12/29/72 2/01/73 3/01/73 4/02/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	268.0 264.0 261.0 258.0 257.0 268.0 248.0 254.0 254.0 256.0 256.0	167.7 171.7 174.7 177.7 178.7 187.7 187.7 181.7 181.7 179.7 179.7	5062				262.2	10/10/72 11/14/72 12/11/72 1/15/73 2/13/73 3/07/73 4/04/73 5/14/73 6/06/73 7/16/73 8/13/73 9/10/73	91.0(5) 91.0(5) 85.0(5) 85.0(5) 84.0(5) 85.0(5) 85.0(5) 84.0(5) 79.0(5) 95.0(5) 95.0(5) 95.0(5)	171.2 171.2 177.2 177.2 178.2 177.2 177.2 178.2 163.2 167.2 167.2 167.2	1101
01S/12W-13B02 S 19			353.0	10/31/72 11/30/72 12/29/72 2/01/73 3/01/73 4/02/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	194.5 194.5 194.5 194.5 183.5 183.5 188.5 184.5 195.5 195.5 194.5	158.5 158.5 158.5 158.5 169.5 164.5 164.5 168.5 157.5 157.5 158.5	5062				262.0	10/09/72 11/14/72 12/11/72 1/15/73 2/05/73 3/19/73 4/04/73 5/14/73 6/12/73 7/09/73 8/07/73 9/10/73	93.5(5) 94.5(5) 87.5(5) 86.5(5) 85.5(5) 83.5(5) 85.5(5) 88.5(5) 93.5(5) 94.5(5) 96.5(5) 95.5(5)	168.5 167.5 174.5 175.5 176.5 178.5 176.5 173.4 168.5 167.5 165.5 166.5	1101
01S/12W-13M01 S 19			355.8	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 9/19/73	164.4 162.0 159.5 158.2 157.5 169.4 168.8 175.1	191.4 193.8 196.3 197.6 198.3 186.4 187.0 180.7	1733				266.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73	106.0(5) 102.0(5) 97.0(5) 95.0(5) 93.0(5) 93.0(5) 91.5(5) 97.0(5) 116.0(5)	160.0 164.0 169.0 171.0 173.0 173.0 174.5 169.0 150.0	1101
01S/12W-14D01 S 19			425.0	10/09/72 11/30/72 12/07/72	262.0(5) 258.0(5) 257.0(5)	163.0 167.0 168.0	5062								

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
						U-05 U-05.0 U-05.01									U-05 U-05.0 U-05.01
01S/12W-25R03 S 19			266.0	7/14/73	108.0(5)	158.0	1101	01S/12W-36A0R S 19			231.0	3/15/77	36.0	195.0	1101
(CONTINUED)				8/21/73	108.0(5)	158.0		(CONTINUED)				4/15/77	35.0	196.0	
				9/14/73	113.0(5)	153.0						5/15/77	35.0	196.0	
01S/12W-25P05 S 19			265.0	10/14/72	105.0(5)	160.0	1101					6/15/77	37.0	194.0	
				11/14/72	100.0(5)	165.0						7/15/77	39.0	192.0	
				12/14/72	98.0(5)	167.0		01S/13W-10M02 S 19			350.0	8/15/73	39.0	192.0	
				1/14/73	96.0(5)	169.0		(CONTINUED)				9/15/73	39.0	192.0	
				2/14/73	93.0(5)	172.0						8/29/77	30.6	319.4	1200
				3/14/73	92.0(5)	173.0						9/28/77	31.4	318.6	
				4/14/73	90.0(5)	175.0		02S/09W-04E01 S 19			608.5	12/06/77	28.1	580.4	1101
				5/14/73	95.0(5)	170.0		(CONTINUED)				4/06/77	30.8(6)	577.7	
				6/21/73	110.5(5)	154.5		02S/09W-04F02 S 19			609.0	12/06/77	28.8	580.2	1101
				7/21/73	112.0(5)	153.0		(CONTINUED)				4/06/77	28.7	582.3	
				8/07/73	109.0(5)	156.0		02S/09W-04G01 S 19			620.0	12/06/77	51.7	568.3	1101
				9/14/73	113.0(5)	152.0		(CONTINUED)				4/06/77	51.1	568.9	
01S/12W-25R07 S 19			259.0	10/09/72	77.5(5)	181.5	1101	02S/09W-04L01 S 19			604.0	12/13/77	44.8	559.2	1101
				11/14/72	78.5(5)	180.5		(CONTINUED)				4/06/77	44.0	560.0	
				1/01/73	77.5(5)	181.5		02S/09W-08P01 S 19			563.0	12/06/77	21.3	541.7	1101
				2/05/73	70.5(5)	188.5		(CONTINUED)				4/06/77	15.8	547.2	
				3/18/73	73.5(5)	185.5		02S/09W-17H02 S 19			583.0	12/06/77	22.1	560.9	1101
				4/17/73	70.5(5)	188.5		(CONTINUED)				4/06/77	15.9	567.1	
				5/14/73	75.5(5)	183.5		02S/09W-18R05 S 19			475.0	12/13/77	20.0	455.0	1101
				6/16/73	80.5(5)	178.5		(CONTINUED)				4/09/77	17.1	457.9	
				7/11/73	83.5(5)	175.5		02S/09W-18F06 S 19			480.0	12/13/77	18.4	461.6	1101
				8/06/73	83.5(5)	175.5		(CONTINUED)				4/09/77	13.2	468.4	
				9/06/73	83.5(5)	175.5		02S/10W-06P02 S 19			308.0	10/11/77	22.0	286.0	1273
01S/12W-25R08 S 19			258.0	10/16/72	78.5(5)	179.5	1101	(CONTINUED)				11/01/77	22.1	285.9	
				11/13/72	75.5(5)	182.5						12/13/77	21.9	286.1	
				12/11/72	71.5(5)	186.5						1/03/77	22.5	285.5	
				1/15/73	71.5(5)	186.5						2/14/77	20.7	287.4	
				2/12/73	70.5(5)	187.5						3/07/77	21.2	288.4	
				3/19/73	66.5(5)	191.5						4/02/77	21.3	288.7	
				4/09/73	68.5(5)	189.5						5/09/77	22.0	286.0	
				5/14/73	70.5(5)	187.5						6/20/77	22.9	285.1	
				6/25/73	78.5(5)	179.5						7/11/77	23.8	284.2	
				7/16/73	75.5(5)	182.5						8/01/77	23.9	284.1	
				8/13/73	80.5(5)	177.5						9/12/77	24.3	283.7	
				9/11/73	90.5(5)	167.5		02S/10W-07F02 S 19			314.2	11/10/77	49.9	264.3	1101
01S/12W-25R10 S 19			262.5	10/14/72	103.0(5)	159.5	1101	(CONTINUED)				4/09/77	51.2	263.0	
				11/07/72	103.5(5)	159.0		02S/10W-07P01 S 19			352.0	4/09/77	15.5	336.5	1101
				12/14/72	93.5(5)	169.0		(CONTINUED)							
				1/21/73	97.5(5)	165.0						10/04/77	24.4	308.6	1101
				2/14/73	94.5(5)	168.0						11/06/77	25.0	308.0	
				3/14/73	92.5(5)	170.0						12/14/77	24.4	308.2	
				4/14/73	91.5(5)	171.0						1/11/77	25.0	308.0	
				5/21/73	98.5(5)	164.0						2/06/77	25.2	305.4	
				6/21/73	205.5(1)	57.0						3/09/77	22.8	308.2	
				7/14/73	107.5(5)	155.0						4/03/77	23.8	307.4	
				8/28/73	109.5(5)	153.0						5/08/77	24.8	306.2	
				9/14/73	98.5(5)	164.0						6/01/77	24.0	307.0	
01S/12W-25R12 S 19			267.0	10/09/72	102.5(5)	164.5	1101					7/12/77	24.2	308.8	
				11/13/72	98.5(5)	168.5						8/13/77	25.0	306.0	
				12/11/72	94.5(5)	172.5						9/06/77	25.1	305.9	
				1/15/73	94.5(5)	172.5		02S/10W-08G02 S 19			331.0	10/04/77	24.4	308.6	1101
				2/12/73	93.5(5)	173.5		(CONTINUED)				11/06/77	25.0	308.0	
				3/14/73	91.5(5)	175.5						12/14/77	24.4	308.2	
				4/09/73	92.5(5)	174.5						1/11/77	25.0	308.0	
				5/14/73	94.5(5)	172.5						2/06/77	25.2	305.4	
				6/11/73	98.5(5)	168.5						3/09/77	22.8	308.2	
				7/09/73	102.5(5)	164.5						4/03/77	23.8	307.4	
				8/06/73	103.5(5)	163.5						5/08/77	24.8	306.2	
				9/10/73	103.5(5)	163.5						6/01/77	24.0	307.0	
01S/12W-25G03 S 19			254.0	10/09/72	81.5(5)	172.5	1101					7/12/77	24.2	308.8	
				11/13/72	78.5(5)	175.5						8/13/77	25.0	306.0	
				12/11/72	72.5(5)	181.5						9/06/77	25.1	305.9	
				1/15/73	75.5(5)	178.5		02S/10W-09L01 S 19			342.0	11/15/77	93.3(1)	248.7	1101
				2/08/73	72.5(5)	181.5		(CONTINUED)				1/03/77	104.3(1)	237.7	
				3/05/73	71.5(5)	182.5						3/01/77	40.3(5)	301.7	
				4/16/73	72.5(5)	181.5						5/01/77	42.3(5)	299.7	
				5/14/73	71.5(5)	182.5						7/02/77	100.3(1)	241.7	
				6/11/73	79.5(5)	174.5						9/06/77	93.3(1)	248.7	
				7/09/73	80.5(5)	173.5		02S/10W-09O07 S 19			375.0	12/06/77	50.5	324.5	1101
				8/06/73	82.5(5)	171.5		(CONTINUED)				4/06/77	48.5	326.5	
				9/10/73	83.5(5)	170.5									
01S/12W-25G04 S 19			257.0	6/28/73	90.5(5)	166.5	1101	02S/10W-10P04 S 19			397.7	12/13/77	38.6	359.1	1101
				7/11/73	90.5(5)	166.5		(CONTINUED)				4/09/77	38.3	359.4	
01S/12W-36A06 S 19			228.0	10/20/72	41.0(5)	187.0	1101	02S/10W-11K01 S 19			444.0	12/13/77	35.6	408.4	1101
				11/20/72	39.0(5)	189.0		(CONTINUED)				4/09/77	35.3	408.7	
				12/15/72	38.0(5)	190.0		02S/10W-13A02 S 19			480.0	12/13/77	24.9	455.1	1101
				1/11/73	36.0(5)	192.0		(CONTINUED)				4/09/77	23.1	456.9	
				2/15/73	35.0(5)	193.0									
				3/15/73	35.0(5)	193.0		02S/10W-13F01 S 19			442.0	12/13/77	17.4	424.6	1101
				4/15/73	34.0(5)	194.0		(CONTINUED)				4/09/77	16.5	425.5	
				5/15/73	34.0(5)	194.0									
				6/15/73	36.0(5)	192.0		02S/10W-14G01 S 19			492.0	12/06/77	24.8	457.2	1101
				7/15/73	38.0(5)	190.0		(CONTINUED)				4/06/77	23.8	458.2	
				8/15/73	38.0(5)	190.0									
				9/15/73	39.0(5)	189.0		02S/10W-14G02 S 19			420.0	12/13/77	12.7	407.3	1101
01S/12W-36A08 S 19			231.0	10/20/72	42.0	189.0	1101	(CONTINUED)				4/06/77	12.2	407.8	
				11/20/72	40.0	191.0									
				12/15/72	39.0	192.0		02S/10W-14M01 S 19			431.0	12/13/77	17.4	413.6	1101
				1/11/73	37.0	194.0		(CONTINUED)				4/06/77	16.5	414.5	
				2/15/73	36.0	195.0									
								02S/10W-15O02 S 19			375.0	12/13/77	31.7	343.3	1101
								(CONTINUED)				4/06/77	27.5	347.5	
								02S/10W-15H01 S 19			419.0	12/13/77	17.9	401.1	1101
								(CONTINUED)				4/06/77	16.8	402.2	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
							U-05 U-05.D U-05.D1								U-05 U-05.D U-05.D1
02S/10W-15H02 S 19			420.0	12/13/72 4/06/73	17.5 16.2	402.5 403.8	1101	02S/11W-05G05 S 19			210.0	11/13/72 12/18/72 1/01/73 2/05/73 3/12/73 4/23/73 5/28/73 6/18/73 7/02/73 8/06/73 9/03/73	24.4 21.4 21.4(5) 21.4(5) 18.4(5) 16.4(5) 16.4(5) 17.4(5) 17.4(5) 17.4 17.4	185.6 188.6 188.6 188.6 191.6 193.6 193.6 192.6 192.6 192.6 192.6	1101
02S/10W-15K01 S 19			424.0	12/13/72 4/06/73	17.2 16.2	406.8 407.8	1101	(CONTINUED)							
02S/10W-15L01 S 19			421.0	12/06/72 4/06/73	16.2 14.7	404.8 406.3	1101	02S/11W-05J02 S 19			215.0	11/06/72 1/09/73 3/07/73 4/03/73 5/01/73 7/02/73 9/04/73	27.5 23.5 20.5 25.0 25.0 30.0 28.5	187.5 191.5 194.5 190.0 190.0 185.0 186.5	1101
02S/10W-23N01 S 19			516.0	12/06/72 4/06/73	13.5 13.4	502.5 502.6	1101	02S/11W-05J03 S 19			213.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	71.5(1) 25.5(5) 18.5(5) 59.5(1) 70.5(1) 70.5(1)	141.5 187.5 194.5 153.5 142.5 142.5	1101
02S/11W-01R01 S 19			291.0	11/10/72 4/04/73	50.5 48.3	240.5 242.7	1101	02S/11W-05J09 S 19			214.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	28.0 48.0(1) 46.0(1) 51.0(1) 35.0 32.0	186.0 166.0 168.0 163.0 179.0 182.0	1101
02S/11W-03D07 S 19			252.5	11/14/72 4/03/73	25.3 20.2	227.2 232.3	1101	02S/11W-05K01 S 19			209.5	10/16/72 11/13/72 12/18/72 1/01/73 2/05/73 3/12/73 4/23/73 5/28/73 6/18/73 7/02/73 8/06/73 9/03/73	38.0 25.0 17.0 18.0(5) 17.0(5) 15.0(5) 17.0(5) 21.0(5) 31.0(5) 31.0(5) 20.0 26.0	171.5 184.5 192.5 191.5 192.5 194.5 192.5 188.5 178.5 178.5 189.5 183.5	1101
02S/11W-04D03 S 19			221.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	19.6 15.5 15.3 15.7 15.5 15.0 14.5 13.8 13.9 13.5 13.8 14.4	201.4 205.5 205.7 205.3 205.5 206.0 206.5 207.2 207.1 207.5 207.2 206.6	1101	02S/11W-04M03 S 19			218.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	125.0(1) 133.0(1) 135.0(1) 125.0(1) 87.0(1) 89.0(1)	93.0 85.0 83.0 93.0 131.0 129.0	1101
02S/11W-04N01 S 19			225.0	11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	29.5 28.5 27.6 26.4 25.9 27.9 28.1 29.3 29.7 29.2(8) 28.6(8)	195.5 196.5 197.4 198.6 199.1 197.1 196.9 195.7 195.3 195.8 196.4	1101	02S/11W-05R11 S 19			222.5	4/10/73	20.0	202.5	1101
02S/11W-05R13 S 19			222.0	4/10/73	19.0	203.0	1101	02S/11W-05R13 S 19			222.0	4/10/73	19.0	203.0	1101
02S/11W-05E02 S 19			209.8	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73 4/02/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	18.7 18.0 15.2 14.2 13.8 12.5 12.4 12.8 13.1 13.4 13.2 13.4	191.1 191.8 194.6 195.6 196.0 197.3 197.4 197.0 196.7 196.4 196.6 196.4	1733	02S/11W-05F03 S 19			217.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	21.0 20.5 19.3 18.1 16.2 16.3 16.3 16.5 16.6 16.7 16.9 17.0	196.0 196.5 197.7 198.9 200.8 200.7 200.5 200.4 200.3 200.1 200.0	1101
02S/11W-05G01 S 19			210.0	7/02/73 8/06/73 9/03/73	78.0(1) 75.0(1) 78.0(1)	132.0 135.0 132.0	1101	02S/11W-05N04 S 19			203.2	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	17.7 16.0 14.9 14.3 13.9 13.3 13.8 13.8 14.1 14.1 14.2 14.1	185.5 187.2 188.3 188.9 189.3 189.9 189.4 189.4 189.1 189.1 189.0 189.1	1733
02S/11W-05G02 S 19			214.0 211.0	10/16/72 11/06/72 12/18/72 1/01/73 2/05/73 3/12/73 4/30/73 5/14/73 6/04/73 7/02/73 8/06/73 9/03/73	25.0(5) 28.5 20.5 24.5(5) 21.5(5) 18.0(5) 18.0(5) 18.0(5) 24.5(5) 20.0(5) 20.0(5) 21.0(5)	189.0 182.5 190.5 186.5 189.5 196.0 196.0 196.0 186.5 194.0 194.0 193.0	1101	02S/11W-05N05 S 19			199.7	11/17/72 4/10/73	26.2 18.3	173.5 181.4	1101
02S/11W-05G04 S 19			211.0	7/02/73 8/06/73 9/03/73	66.5(1) 23.5 20.5	144.5 187.5 190.5	1101	02S/11W-05N06 S 19			206.5	11/28/72 4/10/73	18.9 14.6	187.6 191.9	1101
02S/11W-05G05 S 19			210.0	10/16/72	20.4	189.6	1101	02S/11W-05P05 S 19			204.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	15.6 13.2 12.2 11.4 11.0 10.3 11.2 11.0 11.4 11.3 11.5 11.5	188.4 190.8 191.8 192.6 193.0 193.7 192.8 193.0 192.6 192.7 192.5 192.5	1101
								02S/11W-05Q04 S 19			213.0	11/06/72 1/09/73 3/09/73	31.0(5) 23.0(5) 16.0(5)	182.0 190.0 197.0	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								
U-05 U-05.D U-05.D1								U-05 U-05.D U-05.D1								
02S/11W-05004 S 19 (CONTINUED)			213.0	5/11/73 7/03/73 9/04/73	23.0(5) 129.0(1) 135.0(1)	190.0 84.0 78.0	1101	02S/11W-06J04 S 19 (CONTINUED)			202.0	2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/09/73 8/01/73 9/11/73	10.5 9.6 9.5 9.6 8.9 9.7 9.7 9.3	191.5 192.4 192.5 192.4 193.1 192.1 192.3 192.7	1101	
02S/11W-05005 S 19			210.1	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	18.0 15.2 14.5 13.0 13.7 13.0 15.4 13.6 14.1 14.0 14.0 14.0	192.1 194.9 195.6 197.1 196.4 197.1 194.7 196.5 196.0 196.1 196.1 196.1	1101	02S/11W-08A02 S 19			218.0	11/17/72 4/03/73	21.1(8) 17.7	196.9 200.3	1101	
02S/11W-05006 S 19			209.3	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	17.0 14.0 13.4 12.9 12.6 12.0 12.9 12.7 13.3 13.3 13.4 13.2	192.3 195.3 195.9 196.4 196.7 197.3 196.4 196.6 196.0 196.0 195.9 196.1	1101	02S/11W-08B01 S 19			217.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	25.7 23.1 21.8 21.1 20.4 19.5 20.4 20.5 21.5 21.6 22.0 21.7	191.3 193.9 195.2 195.9 196.6 197.5 196.6 196.5 195.5 195.4 195.0 195.3	1733	
02S/11W-05R03 S 19			207.0	11/17/72 4/03/73	18.0 14.9	189.0 192.1	1101	02S/11W-08R02 S 19			205.0	11/17/72 4/10/73	16.5 15.3	188.5 189.7	1101	
02S/11W-05R04 S 19			214.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	21.8 18.5 17.8 16.9 16.8 16.2 17.1 17.3 17.9 17.9 18.0 17.7	192.2 195.5 196.2 197.1 197.2 197.8 196.9 196.7 196.1 196.1 196.0 196.3	1101	02S/11W-08R03 S 19			207.9	11/17/72 4/10/73	16.1 13.2	191.8 194.7	1101	
02S/11W-06A01 S 19			209.6	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	13.9 12.4 11.7 10.6 9.6 9.1 9.7 9.6 10.1 10.2 10.3 10.1	195.7 197.2 197.9 199.0 200.0 200.5 199.9 200.0 199.5 199.4 199.3 199.5	1101	02S/11W-08C03 S 19			214.6	11/20/72 4/10/73	25.8 21.8	188.8 192.8	1101	
02S/11W-06A02 S 19			210.0	10/24/72 11/27/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	16.3 14.7 13.5 12.8 11.7 11.2 11.8 11.9 12.8 12.3 12.4 12.3	193.7 195.3 196.5 197.2 198.3 198.8 198.2 198.1 197.2 197.7 197.6 197.7	1101	02S/11W-08G01 S 19			211.0	11/17/72 5/07/73	19.9(8) 16.9	191.1 194.1	1101	
02S/11W-06R01 S 19			203.0	11/10/72 4/03/73	11.6 10.6	191.4 192.4	1101	LOWER CANYON HYDRO SUBAREA								U-05.02
02S/11W-06G08 S 19			197.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 4/03/73 6/01/73 8/03/73 9/11/73	7.6 7.6 7.4 7.7 7.3 7.5 7.4 7.5 7.5	189.4 189.4 189.6 189.3 189.7 189.5 189.6 189.5 189.5	1101	01N/10W-25F02 S 19			809.0	11/29/72 4/10/73	63.0 58.7	746.0 750.3	1101	
02S/11W-06H02 S 19			207.7	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	16.9 16.3 13.5 12.7 10.3 11.4 12.0 11.9 12.0 13.5 12.5 12.4	190.8 191.4 194.2 195.0 197.4 196.3 195.7 195.8 195.7 194.2 195.2 195.3	1101	01N/10W-27J01 S 19			654.4	10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	156.6 157.0 168.0 169.7 172.6 163.1 144.9 129.0 115.0 114.8 115.4 117.7	497.8 497.4 486.4 484.7 481.8 491.3 509.5 525.4 539.4 539.6 539.0 536.7	1733	
02S/11W-06J04 S 19			202.0	10/10/72 11/10/72 12/13/72 1/08/73	14.3 14.4 13.1 11.8	187.7 187.6 188.9 190.2	1101	01N/10W-27K02 S 19			647.8	11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	153.3 169.3 171.4 170.3 158.3 138.6 125.3 113.5 113.0 113.4 114.2	494.5 478.5 476.4 477.5 489.5 509.2 522.5 534.3 534.8 534.4 533.6	1733	
								01N/10W-27K03 S 19			656.9	10/11/72 11/06/72 12/01/72 1/03/73 3/19/73 4/02/73 5/07/73 6/04/73 7/31/73 9/12/73	114.1 115.9 107.7 92.4 32.8 26.8 28.7 30.0 47.9 56.8	542.8 541.0 549.2 564.5 624.1 630.1 628.2 626.9 609.0 600.1	1101	
								01N/10W-27K04 S 19			655.0	11/06/72	127.9	527.1	1101	
								01N/10W-27M01 S				10/11/72 11/06/72 12/01/72 1/03/73 3/19/73 4/02/73 6/01/73 7/31/73 9/12/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY	1101		
								01N/10W-27P01 S 19			625.0	11/06/72 4/02/73	159.0 128.1	466.0 496.9	1101	
								01N/10W-28M01 S 19			603.4	1/03/73 2/15/73 3/19/73 4/02/73 6/01/73 7/31/73 9/19/73	130.3 127.0 113.0 112.2 111.9 115.2 118.4	473.1 476.4 490.4 491.2 491.5 488.2 485.0	1101	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT LOWER CANYON HYDRO SUBAREA							U-05 U-05.D U-05.D2	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT UPPER CANYON HYDRO SUBAREA							U-05 U-05.D U-05.D3
01N/10W-29A03 S 19			631.9	6/01/73 7/01/73 8/01/73 9/01/73	31.0 32.0(5) 33.0(5) 32.0(5)	600.9 599.9 598.9 599.9	1101	01N/10W-27C03 S 19 (CONTINUED)				4/02/73 5/07/73 6/04/73 7/31/73 9/12/73	30.3 24.4 22.6 26.9 33.4	636.7 642.6 644.4 640.1 633.4	1101
01N/10W-29K01 S 19			591.2	10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	125.3 127.3 129.8 79.3 51.5(4) 40.6 43.9(4) 40.5 47.3(4) 43.8 44.3 46.2	465.9 463.9 461.4 511.9 539.7 550.6 547.3 550.7 543.9 547.4 546.9 545.0	1733	01N/10W-27F01 S 19			662.9	10/11/72 11/06/72 12/01/72 1/03/73 3/19/73 4/02/73 5/07/73 6/04/73 7/31/73 9/12/73	87.4 89.3 90.7 89.7 84.6 82.2 77.7 74.8 71.5 70.2	575.5 573.6 572.2 573.2 578.3 580.7 585.2 588.1 591.4 592.7	1101
03S/15W-01P01 S			112.3	10/25/72 11/20/72 12/27/72 1/31/73 2/28/73 3/24/73 4/11/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	113.7 110.2 109.8 111.9 111.3 110.8 109.8 107.4 107.4 107.6 107.6 107.3	-1.4 2.1 2.5 0.4 1.0 1.5 2.5 4.9 4.9 4.7 4.7 5.0	1101	01N/10W-27G03 S 19			661.7	11/06/72 3/19/73 4/02/73 6/01/73 7/13/73 9/12/73	84.5 54.8 36.4 39.7 54.1 68.5	577.2 604.4 625.3 622.0 607.6 593.2	1101
UPPER CANYON HYDRO SUBAREA							U-05.D3	01N/10W-27H01 S 19			669.7	1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 9/13/73	105.3 87.5 87.5 60.2 58.9 62.7 68.9 73.5 79.4	564.4 567.1 582.2 605.4 610.4 607.0 600.4 596.2 590.3	1733
01N/10W-22P02 S 19			694.6	10/12/72 11/02/72 12/14/72 3/08/73 4/02/73 5/10/73 6/10/73 7/10/73 8/02/73 9/13/73	140.3 138.8 66.7 30.6 30.5 40.6(1) 51.2(1) 52.2(1) 52.4 61.2	554.3 555.8 627.9 664.0 664.1 654.0 643.4 642.4 642.2 633.4	1733	01N/10W-27H02 S 19			667.4	11/06/72	143.3	524.1	1101
01N/10W-22R02 S 19			716.0	11/10/72 4/02/73	78.0(4) 26.9(4)	638.0 689.1	1101	01N/10W-27H03 S 19			673.8	3/19/73 4/02/73 6/01/73	35.0 30.6 38.3	638.8 643.2 635.5	1101
01N/10W-23A05 S 19			815.0	10/11/72 11/10/72 12/01/72 1/30/73 3/15/73 4/02/73 6/01/73 7/31/73 9/12/73	17.3 9.2 5.9 19.5 8.9 9.6 10.6 15.7 19.2	797.7 805.8 809.1 795.5 806.1 805.4 804.4 799.3 795.8	1101	01S/08W-05D01 S				12/01/72 1/11/73 4/06/73	NM-9 NM-9 NM-9		1101
01N/10W-23C01 S 19			784.9	10/12/72 11/10/72 12/01/72 1/03/73 3/15/73 4/10/73 6/01/73	25.2 15.2 14.9 20.5 12.9 14.0 15.3	759.7 769.7 770.0 764.4 772.0 770.9 769.6	1101	01S/08W-06A03 S				5/08/73	148.9	1093.2	1101
01N/10W-23F01 S			755.3	10/11/72 12/01/72 4/30/73 6/29/73	NM-2 NM-1 NM-2 NM-1		1101	FOOTHILL HYDRO SUBAREA							U-05.D4
01N/10W-27B01 S 19			693.3	2/07/73 3/13/73 4/02/73 5/07/73 6/04/73 7/13/73 8/07/73 9/12/73	76.9 33.8 34.1 36.7 41.3 54.3 60.3 68.1	616.4 659.5 659.2 656.6 652.0 639.0 633.0 625.2	1101	01N/09W-25G01 S			1235.0	11/30/72 4/06/73	31.7 29.4	1203.3 1205.6	1101
01N/10W-27B02 S				10/11/72 11/10/72 12/01/72 1/03/73 3/15/73 4/02/73 6/29/73 7/31/73 9/12/73	DRY DRY DRY DRY DRY 45.9 44.1 46.1 47.8		1101	01N/09W-35G01 S 19			1093.0	11/30/72 4/11/73	52.0 51.2(3)	1041.0 1041.8	1101
01N/10W-27C02 S 19				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	01N/09W-35H01 S 19			1155.0	10/03/72 11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/02/73 5/08/73 7/09/73 8/13/73 9/05/73	68.5 68.5 61.0 52.8 52.6 43.2 37.7 35.5(4) 46.2 46.8(2) 47.1	1086.5 1086.5 1094.0 1102.2 1102.4 1111.8 1117.3 1119.5 1108.8 1108.2 1107.9	1101
01N/10W-27C03 S 19				3/15/73	37.2	629.8	1101	01N/09W-36D03 S 19			1165.0	10/03/72 11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/02/73 5/08/73 7/09/73 8/13/73 9/05/73	60.1 58.4 56.6 53.7 49.6 40.6 37.2 39.6 44.6 45.1 45.6	1104.9 1106.6 1108.4 1111.3 1115.4 1124.4 1127.8 1125.4 1120.4 1119.0 1119.4	1101
			687.9	4/02/73 6/29/73 7/31/73 9/12/73	45.9 44.1 46.1 47.8	642.0 643.8 641.8 640.1		01N/09W-36F02 S 19			1235.0	11/30/72 4/06/73	174.8 163.5	1060.2 1071.5	1101
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	01N/09W-36F01 S 19			1277.0	1/11/73 4/06/73	140.5 133.1	1136.5 1143.9	1101
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	SPADRA HYDRO SUBUNIT SPADRA HYDRO SUBAREA							U-05.E U-05.F1
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	01S/08W-19N01 S 19			851.0	12/05/72 4/11/73	290.0 214.0	561.0 637.0	1101
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	01S/09W-23N02 S 19			761.8	10/05/72 11/06/72 12/14/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/22/73	136.6 134.5 131.7 131.5 130.5 130.5 130.0 136.5 135.8 138.6 140.3	625.2 627.3 630.1 630.3 631.3 631.3 631.8 625.3 626.0 623.2 621.5	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA		
LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT SPADRA HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT POMONA HYDRO SUBAREA									
U-05 U-05.E U-05.E1								U-05 U-05.E U-05.E2									
01S/09W-23M02 S 19			761.8	9/05/73	138.6	623.2	1101	01S/09W-12N03 S 19		998.0	12/12/72	72.9	925.1	1101			
01S/09W-23P01 S			800.3	1/08/73 5/17/73	163.8 164.2(3)	636.5 636.1	1101	(CONTINUED)			1/11/73 2/05/73 3/08/73 4/04/73 5/08/73 7/11/73 8/21/73 9/05/73	72.7 72.7 71.7 70.6 69.8 70.0 69.2 69.9	925.3 925.3 926.3 927.4 928.2 928.0 928.8 928.1				
01S/09W-24002 S 19			836.0	12/05/72 4/16/73	196.0 206.5	640.0 629.5	1101	01S/09W-13A01 S		1018.0	11/06/72 12/12/72 1/11/73 2/05/73 3/08/73 4/04/73 5/08/73 7/11/73 8/21/73 9/05/73	284.5 285.1 283.5 282.8 290.4 282.2 283.0 283.0 283.4 283.5	733.5 732.9 734.5 735.2 727.6 735.8 735.0 735.0 734.6 734.5	1101			
01S/09W-25B01 S 19			824.0	12/05/72 4/17/73	178.8 176.6	645.2 647.4	1101										
01S/09W-25E01 S 19			798.0	4/17/73	171.1	626.9	1101										
01S/09W-25E02 S 19			803.0	12/05/72	217.0	586.0	1101										
01S/09W-25F01 S 19			804.7	12/05/72 4/17/73	173.8 172.4	630.9 632.3	1101										
01S/09W-25G01 S 19			823.0	12/05/72 4/17/73	172.0 171.7	651.0 651.3	1101										
01S/09W-26A02 S			795.0	12/05/72 1/15/73 4/16/73	NM-1 NM-1 NM-1		1101										
01S/09W-26H01 S 19			792.5	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	181.0(1) 181.0(1) 156.8(5) 184.5(1) 185.6(1) 183.3(1) 160.2(5) 181.0(1) 186.8(1) 189.1(1) 187.9(1) 187.9(1)	611.5 611.5 635.7 608.0 606.9 609.2 632.3 611.5 605.7 603.4 604.6 604.6	1101										
01S/09W-27J01 S 19			730.0	12/06/72 5/08/73	118.7 121.7	611.3 608.3	1101										
01S/09W-27J02 S			727.0	12/06/72	NM-5		1101										
01S/09W-33J02 S 19			664.2	12/06/72 4/06/73	37.2 33.9	627.0 630.3	1101										
01S/09W-34F01 S 19			688.0	12/06/72 4/06/73	102.5 88.3	585.5 599.7	1101										
POMONA HYDRO SUBAREA								U-05.F2									
01S/08W-08P03 S 19			1044.0	12/01/72 4/11/73	189.2 192.9	854.8 851.1	1101	01N/08W-26D01 S		1830.0	12/01/72 4/09/73	30.7 6.7	1799.3 1823.3	1101			
01S/08W-19A01 S 19			922.5	10/05/72 11/06/72 12/14/72 1/11/73 2/07/73 3/09/73 4/04/73 5/08/73 6/01/73 8/31/73	175.0 174.0 174.0 173.0 172.5 171.0 170.5 170.4 170.0 178.0	747.5 748.5 748.5 749.5 750.0 751.5 752.0 752.1 752.5 744.5	1101	01N/08W-27H01 S		1770.0	12/01/72 4/09/73	56.6 50.1	1722.4 1728.9	1101			
01S/09W-11P01 S 19			980.0	12/01/72 4/11/73	49.4 41.4	930.6 938.6	1101	01N/08W-32P03 S		1290.6	4/10/73	DRY		1101			
01S/09W-11P02 S 19			972.0	10/05/72 11/06/72 12/12/72 1/11/73 2/05/73 3/08/73 4/04/73 5/08/73 7/11/73 8/21/73 9/05/73	25.6 25.8 24.8 25.9 25.1 24.2 23.7 23.5 24.0 24.6 24.7	946.4 946.2 947.2 946.1 946.9 947.8 948.3 948.5 948.0 947.4 947.3	1101	01N/08W-32P05 S		1296.5	4/10/73	DRY		1101			
01S/09W-12H01 S 19			1055.0	4/09/73	228.7	826.3	1101	01N/08W-32P06 S		1296.5	4/10/73	DRY		1101			
01S/09W-12J01 S			1048.0	12/18/72 4/11/73	462.6 459.6	585.4 588.4	1101	01N/08W-32P07 S		1303.3	4/10/73	DRY		1101			
01S/09W-12L01 S 19			1030.4	10/05/72 11/06/72 12/12/72 1/11/73 2/05/73 3/07/73 4/04/73 5/08/73 7/11/73 8/21/73 9/05/73	234.7 222.6 238.0 200.4 195.0 191.5 181.1 184.5 198.5 203.3 203.5	795.7 807.8 792.4 830.0 835.4 838.9 849.3 845.9 831.9 827.1 826.9	1101	01N/08W-32P08 S		1393.8	4/10/73	DRY		1101			
01S/09W-12N01 S 19			984.0	12/01/72 4/11/73	51.1 45.4	932.9 938.6	1101	01N/08W-32P10 S			4/10/73	DRY		1101			
01S/09W-12Nu3 S 19			998.0	10/05/72 11/06/72	72.3 72.5	925.7 925.5	1101	01N/08W-33A01 S 19		1530.9	12/01/72 2/16/73 4/04/73 5/14/73 7/11/73 8/21/73 9/06/73	44.3 19.1 17.2 24.5 34.2 40.2 43.9	1486.6 1511.8 1513.7 1506.4 1496.7 1490.7 1487.0	1101			
								LIVE OAK HYDRO SUBAREA								U-05.E3	
								01N/08W-33L01 S 19		1396.0	12/01/72 4/06/73	43.0 40.3	1353.0 1355.7	1101			
								01N/08W-33N02 S 19		1348.4	12/01/72 4/06/73	112.8 105.5	1235.6 1242.2	1101			
								01N/08W-33P01 S 19		1374.0	12/01/72 4/09/73	144.7 136.7	1229.3 1237.3	1101			
								01N/08W-33003 S 19		1402.4	10/21/72 11/14/72 12/07/72 1/21/73 2/14/73 3/14/73 4/07/73 5/21/73 6/14/73 7/14/73 8/28/73	183.5(5) 202.2(5) 199.7(5) 204.2(5) 195.2(5) 195.0(5) 181.3(5) 205.8(1) 194.2(5) 199.6(5) 199.6(5)	1218.9 1200.2 1202.7 1198.2 1207.2 1207.4 1221.1 1196.6 1208.2 1202.8 1202.8	1101			
								01S/08W-04D01 S 19		1319.0	10/03/72 11/06/72 12/13/72 1/11/73 2/05/73 3/09/73 4/04/73 5/08/73 7/11/73 8/21/73 9/06/73	92.7 94.6 96.2 104.6 92.5 94.9 95.8 100.6 108.1 103.8 107.6	1226.4 1226.4 1222.8 1214.4 1226.5 1224.1 1223.2 1218.4 1210.9 1215.2 1211.4	1101			
								01S/08W-04L01 S 19		1305.1	10/15/72 11/15/72 12/01/72 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	191.8(1) 154.9(5) 141.0(5) 171.1(1) 178.0(1) 135.3(5) 150.3(5) 189.5(1) 193.0(1) 205.7(1) 207.0(1)	1113.3 1150.2 1164.1 1134.0 1127.1 1169.8 1154.8 1115.6 1112.1 1099.4 1098.1	1101			
								01S/08W-04M01 S 19		1267.0	10/14/72 11/14/72 12/14/72 1/14/73 2/21/73 3/14/73 4/07/73 5/21/73	119.6(5) 115.0(5) 110.3(5) 110.3(5) 108.0(5) 110.3(5) 103.3(5) 117.3(5)	1147.4 1152.0 1156.7 1156.7 1159.0 1156.7 1163.7 1149.7	1101			



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT LIVE YAK HYDRO SUBAREA							U-05 U-05.E U-05.EE	LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05 U-05.F U-05.F1
01S/08W-04M01 S 19			1267.0	6/14/73	122.0(5)	1145.0	1101	03S/09W-32K07 S 30			235.0	2/01/73	104.6	130.4	4210
(CONTINUED)				7/14/73	126.5(5)	1140.5						3/01/73	92.7	142.3	
				8/14/73	131.1(5)	1135.9						4/01/73	87.6	147.4	
				9/21/73	138.1(5)	1128.9						5/01/73	89.5	145.5	
01S/08W-05A02 S 19			1284.5	10/03/72	48.6	1235.9	1101					6/01/73	90.7	144.3	
				11/03/72	49.0	1235.5						7/01/73	90.7	144.3	
				12/13/72	48.5	1236.0						8/01/73	96.1	138.9	
				1/11/73	46.2	1238.3						9/01/73	116.3	118.7	
				2/05/73	45.5	1239.0		03S/09W-32P02 S 30			231.1	10/27/72	150.1	81.0	5102
				3/09/73	43.3	1241.2						12/27/72	138.0	93.1	
				4/04/73	41.5	1243.0						2/23/73	98.5	132.6	
				5/08/73	48.2	1236.3						5/08/73	94.4	136.7	
				7/11/73	62.1	1222.4						6/29/73	96.4	134.7	
				8/21/73	53.9	1230.6						8/29/73	123.0	108.1	
01S/08W-05R01 S 19			1288.0	12/07/72	48.8	1239.2	1101	03S/09W-32P03 S 30			232.0	10/01/72	166.0	65.4	4210
				4/09/73	42.6	1245.4						11/01/72	170.1	61.9	
01S/08W-05D02 S 19			1289.8	12/01/72	208.8	1081.0	1101					12/01/72	128.6	103.4	
				4/06/73	213.3	1076.5						1/01/73	106.3	125.7	
01S/08W-05D04 S 19			1267.6	12/01/72	164.2	1103.4	1101					2/01/73	110.6	121.4	
				4/06/73	160.7	1106.9						3/01/73	96.7	135.3	
01S/08W-05F02 S 19			1277.4	10/04/72	176.3	1101.1	1101					4/01/73	92.7	139.3	
				11/03/72	177.1	1100.3						5/01/73	94.7	137.3	
				12/13/72	176.0	1101.4						6/01/73	94.8	137.2	
				1/11/73	178.0	1099.4						7/01/73	91.4	140.6	
				2/05/73	176.7	1100.7						8/01/73	100.4	131.6	
				3/09/73	175.1	1102.3						9/01/73	127.3	104.7	
				4/04/73	174.4	1103.0		03S/09W-32P04 S 30			230.2	10/01/72	160.9	69.3	4210
				5/08/73	172.9	1104.5						11/01/72	170.0	60.2	
				7/11/73	175.4	1102.0						12/01/72	140.7	89.5	
				8/21/73	175.4	1102.0						1/01/73	102.9	127.3	
				9/06/73	182.0	1095.4						2/01/73	108.2	122.0	
01S/08W-06A01 S 19			1257.0	12/07/72	232.8(11)	1024.2	1101					3/01/73	93.2	137.0	
01S/08W-06A03 S 19			1242.1	10/04/72	149.2	1092.9	1101					4/01/73	88.7	141.5	
				11/03/72	148.5	1093.6						5/01/73	98.5	131.7	
				12/12/72	148.5	1093.6						7/01/73	90.7	139.5	
				1/11/73	148.8	1093.3						8/01/73	102.1	128.1	
				2/05/73	143.4	1098.7						9/01/73	119.9	110.3	
				3/08/73	148.5	1093.6		03S/09W-33H01 S 30			254.7	10/27/72	72.8	181.9	5102
				4/04/73	148.7	1093.4						5/08/73	59.7	195.0	
				5/31/73	150.0	1092.1						6/29/73	62.4	192.3	
				7/11/73	148.9	1093.2		03S/09W-33K01 S 30			250.0	10/06/72	91.2(1)	158.8	4742
				8/21/73	148.2	1093.9						11/03/72	89.8(1)	160.2	
				9/06/73	148.7	1093.4						12/01/72	68.2	181.8	
01S/08W-06H01 S 19			1230.0	12/01/72	145.6	1084.4	1101					1/01/73	79.0(1)	171.0	
				4/10/73	149.3	1080.7						2/02/73	60.2	189.8	
01S/08W-06J02 S 19			1224.0	10/04/72	147.2	1076.8	1101					3/02/73	73.8(1)	176.2	
				11/03/72	144.5	1079.5						4/06/73	76.1(1)	173.9	
				12/13/72	134.5	1089.5						5/04/73	77.9(1)	172.1	
				1/11/73	136.0	1088.0						6/01/73	77.5(1)	172.5	
				2/05/73	134.6	1089.4						7/01/73	81.2(1)	168.8	
				3/09/73	129.3	1094.7						8/03/73	79.3(1)	170.7	
				4/04/73	128.2	1095.8						9/07/73	82.4(1)	167.6	
				5/08/73	136.0	1088.0		03S/09W-33K03 S 30			250.0	10/06/72	79.7	170.3	4742
				7/11/73	149.7	1074.3						11/03/72	76.5	173.5	
				8/21/73	156.5	1067.5						12/01/72	68.7	181.3	
				9/06/73	152.7	1071.3						1/01/73	66.9	183.1	
01S/08W-06L01 S 19			1133.8	11/30/72	212.0(4)	921.8	1101					2/02/73	60.2	189.8	
				4/06/73	207.1	926.7						3/02/73	60.9	189.1	
ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05.F U-05.F1					4/06/73	62.2	187.8	
03S/09W-31J01 S 30			225.0	10/03/72	173.2(3)	51.8	5102					5/04/73	64.9	185.1	
				2/23/73	159.7	65.3						6/01/73	64.8	185.2	
				5/08/73	107.2	117.8						7/01/73	68.2	181.8	
				6/29/73	106.7	118.3						8/03/73	66.2	183.8	
				8/29/73	150.2	74.8						9/07/73	70.8	179.2	
03S/09W-31J02 S 30			220.0	10/24/72	163.9	56.1	5102					10/06/72	82.6	169.4	4742
				12/27/72	163.1	56.9						11/03/72	79.9	172.1	
				2/23/73	121.2	98.8						12/01/72	73.7	178.3	
				5/08/73	115.1	104.9						1/01/73	71.4	180.6	
				6/29/73	112.0(6)	108.0						2/02/73	66.7	185.3	
				8/29/73	139.0	81.0						3/02/73	78.8(1)	173.2	
03S/09W-32K06 S 30			235.0	10/01/72	167.5	67.5	4210					4/06/73	65.2	186.8	
				11/01/72	170.5	64.5						5/04/73	80.9(1)	171.1	
				12/01/72	139.4	95.6						6/01/73	69.6	182.4	
				1/01/73	111.8	123.2						7/01/73	72.6	179.4	
				2/01/73	107.5	127.5						8/03/73	71.1	180.9	
				3/01/73	94.8	140.2						9/07/73	74.2	177.8	
				4/01/73	90.0	145.0		03S/09W-33K06 S 30			252.0	10/06/72	85.9	166.1	4742
				5/01/73	95.3	139.7						11/03/72	83.0	169.0	
				6/01/73	94.8	140.2						12/01/72	76.5	175.5	
				7/01/73	95.7	139.3						1/01/73	74.2	177.8	
				8/01/73	106.1	128.9						2/02/73	68.5	183.5	
				9/01/73	125.1	109.9						3/02/73	68.5	183.5	
03S/09W-32K07 S 30			235.0	10/01/72	161.8	73.2	4210					4/06/73	68.6	183.4	
				11/01/72	167.3	67.7						5/04/73	72.1	179.9	
				12/01/72	141.2	93.8						6/01/73	71.9	180.1	
				1/01/73	111.8	123.2						7/01/73	75.2	176.8	
												8/03/73	73.3	178.7	
												9/07/73	77.5	174.5	
								03S/09W-33K07 S 30			252.0	10/06/72	78.0	174.0	4742
												11/03/72	92.0(1)	160.0	
												12/01/72	75.0(1)	177.0	
												1/01/73	68.0	184.0	
												2/02/73	71.0(1)	181.0	

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							
03S/09W-33K07 S 30			252.0	3/02/73	66.0	186.0	4742	04S/10W-02R01 S 30			186.5	6/29/73	109.7	76.8	5102
(CONTINUED)				4/06/73	72.0(1)	180.0		(CONTINUED)				8/29/73	141.9	44.6	
				5/04/73	72.0(1)	180.0						10/01/72	135.0	25.4	4210
				6/01/73	68.0(1)	184.0		04S/10W-03P01 S 30			160.4	11/01/72	137.9	22.5	
				7/01/73	75.0(1)	177.0						12/01/72	139.1	21.3	
				8/03/73	73.0(1)	179.0						1/01/73	134.1	26.3	
				9/07/73	67.0	185.0						2/01/73	131.0	29.4	
03S/09W-33N03 S 30			244.5	2/23/73	61.9	182.6	5102					3/01/73	124.7	35.7	
03S/09W-33Q02 S 30			251.9	10/19/72	72.0	179.9	5102					4/01/73	124.2	36.2	
				12/27/72	69.4	182.5						5/01/73	127.4	33.0	
				2/23/73	51.0	200.9						6/01/73	127.8	32.6	
				5/08/73	57.3	194.6						7/01/73	126.7	33.7	
				6/29/73	61.5	190.4						8/01/73	126.1	34.3	
				8/29/73	73.7	178.2						9/01/73	129.2	31.2	
03S/09W-33Q03 S 30			251.4	10/27/72	73.2	178.2	5102	04S/10W-03P02 S 30			160.1	10/01/72	139.1	21.0	4210
				12/27/72	73.3	178.1						11/01/72	134.7	25.4	
				3/23/73	53.9	197.5						12/01/72	136.9	23.2	
				5/08/73	59.3	192.1						1/01/73	132.7	27.4	
03S/09W-34F01 S 30			259.0	10/27/72	56.0	203.0	5102					2/01/73	130.4	29.7	
				12/27/72	53.8	205.2						3/01/73	123.7	36.4	
				2/23/73	48.1	210.9						4/01/73	123.0	37.1	
				5/08/73	42.5	216.5						5/01/73	127.2	32.9	
				6/29/73	49.1	209.9						6/01/73	132.6	27.5	
				8/28/73	48.0	211.0						7/01/73	126.9	33.2	
03S/09W-34L01 S			262.0	10/27/72	NM-1		5102	04S/10W-04Q01 S 30			147.0	3/07/73	125.6	21.4	5102
				12/27/72	NM-1							7/02/73	135.7	11.3	
				6/29/73	NM-1			04S/10W-04Q02 S 30			150.0	10/01/72	139.5	10.5	4210
03S/09W-34L02 S 30			260.0	10/10/72	56.5	203.5	5102					11/01/72	139.4	10.6	
				2/23/73	40.9	219.1						12/01/72	136.3	13.7	
				8/29/73	50.9	209.1						1/01/73	136.0	14.0	
03S/09W-35N02 S 30			276.0	10/27/72	51.0	225.0	5102					2/01/73	131.8	18.2	
				12/27/72	51.4	224.6						3/01/73	130.6	19.4	
				2/23/73	28.5	247.5						4/01/73	129.9	20.1	
				5/08/73	35.5	240.5						5/01/73	135.2	14.8	
				6/29/73	39.4	236.6						6/01/73	136.5	13.5	
				8/29/73	39.5	236.5						7/01/73	136.2	13.8	
03S/10W-32P01 S 30			121.0	10/03/72	95.9	25.1	5102					8/01/73	137.9	12.1	
				12/29/72	99.1	21.9		04S/10W-07E01 S 30			101.0	10/01/72	115.3	-14.3	4210
				3/07/73	92.7	28.3						11/01/72	106.8	-5.8	
				5/10/73	95.1	25.9						12/01/72	104.9	-3.9	
				7/02/73	98.0	23.0						1/01/73	116.3	-15.3	
				8/30/73	105.5	15.5						2/01/73	106.0	-5.0	
03S/10W-36H01 S 30			228.0	12/27/72	134.4	93.6	5102					3/01/73	103.8	-2.8	
				2/23/73	129.1	98.9						4/01/73	97.8	3.2	
03S/11W-26R01 S 30			80.0	12/11/72	76.0	4.0	1101					5/01/73	108.2	-7.2	
				4/24/73	68.7	11.3						6/01/73	112.1	-11.1	
03S/11W-26R03 S 30			115.0	10/30/72	98.2	16.8	5102					7/01/73	129.1	-28.1	
				12/29/72	100.0	15.0		04S/10W-07J01 S 30			111.0	3/01/73	99.3	11.7	5102
				5/09/73	80.0	35.0						7/01/73	111.4	-0.4	
				7/02/73	75.4	39.6						0/31/72	68.8	26.0	5102
				8/30/73	98.9	16.1		04S/10W-07J03 S 30			94.8	1/04/73	66.4	28.4	
04S/09W-04D01 S 30			245.4	10/27/72	147.2	98.2	5102					3/01/73	99.6	-4.8	
				12/27/72	144.8	100.6						5/09/73	99.7	-4.9	
				2/23/73	84.4	161.0						7/01/73	68.2	26.6	
				6/29/73	99.3	146.1						9/06/73	69.8	25.0	
04S/09W-05G01 S			237.8	8/29/73	NM-6		5102	04S/10W-07K02 S 30			102.4	10/31/72	65.9	36.5	5102
04S/09W-05M02 S 30			226.0	10/27/72	167.7	58.3	5102					1/04/73	64.5	37.9	
				12/27/72	144.3	81.7						7/01/73	61.7	40.7	
				2/23/73	124.4	101.6						9/06/73	63.8	38.6	
				5/08/73	116.9	109.1		04S/10W-07K03 S 30			104.0	10/31/72	65.1	38.9	5102
				6/29/73	120.0	106.0						1/04/73	65.5	38.5	
04S/10W-01C02 S 30			196.9	10/03/72	153.8	43.1	5102					5/09/73	53.2	50.8	
				12/27/72	152.6	44.3						7/03/73	51.0	53.0	
				2/23/73	131.1	65.8						9/03/73	60.9	43.1	
04S/10W-01F01 S 30			195.2	10/01/72	149.6	45.6	4210	04S/10W-07K04 S 30			98.2	10/31/72	48.6	49.6	5102
				11/01/72	156.2	39.0						1/04/73	47.7	50.5	
				12/01/72	157.6	37.6						7/03/73	47.9	50.3	
				1/01/73	149.3	45.9						9/12/73	51.3	46.9	
				2/01/73	143.1	52.1		04S/10W-08C02 S 30			125.8	10/01/72	130.7	-4.9	4210
				3/01/73	137.0	58.2						11/01/72	130.7	-4.9	
				4/01/73	130.8	64.4						12/01/72	125.7	0.1	
				5/01/73	136.1	59.1						1/01/73	125.8	0.0	
				6/01/73	135.2	60.0						2/01/73	109.8	16.0	
				7/01/73	135.5	59.7						3/01/73	120.3	5.5	
				8/01/73	137.5	57.7						4/01/73	118.5	7.3	
				9/01/73	141.7	53.5						5/01/73	127.6	-1.8	
04S/10W-01P01 S 30			196.3	10/27/72	149.9	46.4	5102					6/01/73	128.8	-3.0	
				12/27/72	150.2	46.1						7/01/73	130.2	-4.4	
				2/23/73	121.8	74.5						8/01/73	133.2	-7.4	
				5/08/73	127.7	68.6		04S/10W-08K01 S 30			126.1	10/31/72	119.8	6.3	5102
				8/29/73	147.9	48.4						1/04/73	104.8	22.1	
04S/10W-02R01 S 30			186.5	10/27/72	151.0	35.5	5102					3/01/73	118.2	7.9	
				12/27/72	148.7	37.8						5/07/73	117.9	8.2	
				2/23/73	135.2	51.3						7/03/73	124.0	2.1	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05 U-05.F U-05.F1	LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05 U-05.F U-05.F1
04S/10W-08K01 S 30			126.1	9/06/73	126.2	-0.1	5102	04S/11W-15401 S 30			64.0	7/01/77	76.5	-12.5	4210
04S/10W-08N05 S 30			115.5	10/01/72	120.9	-5.4	4210	(CONTINUED)				8/01/73	88.9	-24.4	
				11/01/72	117.1	-1.6						9/01/73	87.5	-23.5	
				12/01/72	115.0	0.5		04S/11W-15L04 S 30			58.0	10/31/72	23.0	35.0	5102
				1/01/73	113.0	2.5						1/04/73	20.4	37.6	
				2/01/73	112.0	3.5						3/01/73	19.1	38.9	
				3/01/73	88.7	26.8						7/03/73	23.2	34.8	
				4/01/73	104.4	11.1						9/06/73	24.6	33.4	
				5/01/73	117.6	-2.1		04S/11W-19H01 S 30			99.6	10/01/72	80.0	19.6	4210
				6/01/73	119.1	-3.6						11/01/72	79.6	20.4	
				7/01/73	119.7	-4.2						12/01/72	82.2	17.4	
				8/01/73	120.5	-5.0						1/01/73	81.8	17.8	
				9/01/73	122.5	-7.0						2/01/73	77.9	21.7	
04S/10W-09R02 S 30			145.3	10/01/72	147.0	-1.7	4210					3/01/73	70.2	20.4	
				11/01/72	146.6	-1.3						4/01/73	72.5	27.1	
				12/01/72	148.2	-2.9						5/01/73	84.0	15.6	
				1/01/73	141.9	3.4						6/01/73	78.3	21.3	
				2/01/73	136.0	9.3						7/01/73	85.2	14.4	
				3/01/73	129.2	16.1						8/01/73	86.9	12.7	
				4/01/73	135.5	9.8						9/01/73	87.9	11.7	
				5/01/73	135.4	9.9		04S/11W-19K01 S			25.8	10/19/72	48.8	-23.0	4204
				6/01/73	136.2	9.1						11/17/72	44.5	-18.1	
				7/01/73	135.5	9.8						12/20/72	50.3	-24.5	
				8/01/73	136.8	8.5						1/23/73	38.5	-12.7	
				9/01/73	136.5	8.8						2/24/73	38.6	-12.4	
04S/10W-18A01 S 30			107.0	1/04/73	83.6	23.4	5102					3/21/73	38.7	-12.4	
				3/01/73	83.0	24.0						4/18/73	43.8	-18.1	
				5/09/73	87.3	19.7						5/26/73	48.3	-22.7	
				7/03/73	89.6	17.4						6/21/73	49.0	-23.2	
				9/06/73	90.5	16.5						7/18/73	50.3	-24.5	
04S/10W-18Q02 S 30			103.9	1/04/73	99.1	4.8	5102					8/22/73	49.6	-23.4	
				3/01/73	99.7	4.2						9/19/73	47.0	-21.2	
04S/11W-04G03 S 30			51.0	3/01/73	55.9	-4.9	5102	04S/11W-19002 S			24.0	10/14/72	68.0(5)	-44.0	1101
				5/09/73	56.7	-5.7						11/14/72	66.0(5)	-42.0	
04S/11W-05C02 S 19			44.0	12/11/72	46.1	-2.1	1101					12/14/72	56.0(5)	-32.0	
				4/23/73	46.2	-2.2						1/14/73	55.0(5)	-31.0	
04S/11W-08P01 S			38.2	10/04/72	67.2	-29.0	1733					2/14/73	53.0(5)	-29.0	
				11/15/72	60.9	-22.7						3/14/73	54.0(5)	-30.0	
				12/06/72	57.5	-19.3						4/14/73	55.0(5)	-31.0	
				1/04/73	50.8	-12.6	5102					5/14/73	60.0(5)	-36.0	
				2/07/73	51.8	-13.6	1733					6/14/73	64.0(5)	-40.0	
				3/01/73	49.6	-11.4	5102					7/14/73	65.0(5)	-41.0	
				4/11/73	58.9	-20.3	1733					8/14/73	66.0(5)	-42.0	
				5/09/73	48.8	-10.6	5102	04S/11W-23N02 S			58.0	10/31/72	NM-1	-17.2	
				6/13/73	64.9	-26.3	1733					3/01/73	NM-2		
				7/01/73	63.4	-25.2	5102					5/09/73	NM-2		
				9/05/73	67.8	-29.2	1733	04S/11W-27A03 S 30			52.0	1/04/73	65.8	-13.8	5102
04S/11W-10H03 S			67.0	5/09/73	NM-5		5102					3/01/73	64.8	-12.4	
				9/06/73	NM-5							7/03/73	79.9	-27.4	
04S/11W-12F01 S			90.0	10/31/72	95.0	-5.0	5102	04S/11W-27001 S 30			38.5	10/31/72	56.1	-17.6	5102
				1/04/73	97.2	-7.2						1/04/73	49.8	-11.3	
				7/03/73	107.6	-17.6						3/01/73	49.5	-11.0	
04S/11W-12P07 S			91.0	10/31/72	NM-1		5102					5/09/73	49.0	-10.5	
				5/09/73	NM-1							7/03/73	63.0	-24.5	
				7/03/73	NM-1							9/06/73	62.5	-24.0	
				9/06/73	NM-1			04S/11W-30M04 S 30			18.1	10/14/72	58.9(5)	-40.8	1101
04S/11W-13N03 S			81.0	10/01/72	94.0	-13.0	4210					11/14/72	57.9(5)	-39.8	
				11/01/72	89.0	-8.0						12/14/72	48.9(5)	-30.8	
				12/01/72	83.2	-2.2						1/14/73	44.9(5)	-26.8	
				1/01/73	86.3	-5.3						2/14/73	45.9(5)	-27.8	
				2/01/73	84.3	-3.3						3/14/73	44.9(5)	-26.8	
				3/01/73	74.9	6.1						4/14/73	46.9(5)	-28.8	
				4/01/73	80.0	1.0						5/14/73	62.9(5)	-44.8	
				5/01/73	92.1	-11.1						6/14/73	63.9(5)	-45.8	
				6/01/73	96.2	-15.2						7/14/73	65.9(5)	-47.8	
				7/01/73	95.2	-14.2						8/14/73	66.9(5)	-48.8	
				8/01/73	87.2	-6.2						9/14/73	68.9(5)	-50.8	
				9/01/73	97.6	-16.6		04S/11W-30M05 S 30			17.5	10/14/72	53.6(5)	-36.1	1101
04S/11W-14004 S 30			65.0	10/01/72	59.3	5.7	4210					11/14/72	51.6(5)	-34.1	
				11/01/72	57.0	8.0						12/14/72	43.6(5)	-26.1	
				12/01/72	60.2	4.8						1/14/73	40.6(5)	-23.1	
				1/01/73	59.7	5.3						2/14/73	42.6(5)	-25.1	
				2/01/73	60.5	4.5						3/14/73	42.6(5)	-25.1	
				3/01/73	59.8	5.2						4/14/73	42.6(5)	-25.1	
				4/01/73	61.8	3.2						5/14/73	50.6(5)	-33.1	
				5/01/73	62.7	2.3						6/14/73	53.6(5)	-36.1	
				6/01/73	55.3	9.7						7/14/73	54.6(5)	-37.1	
				7/01/73	62.5	2.5						8/14/73	56.6(5)	-39.1	
				8/01/73	67.9	-2.9						9/14/73	58.6(5)	-41.1	
				9/01/73	64.2	0.8		04S/11W-31001 S 30			13.8	10/14/72	97.1(1)	-83.3	1101
04S/11W-15H01 S 30			64.0	10/01/72	71.9	-7.9	4210					11/21/72	39.1(5)	-25.3	
				11/01/72	70.2	-6.2						12/14/72	34.1(5)	-20.3	
				12/01/72	71.2	-7.2						1/14/73	33.1(5)	-19.3	
				1/01/73	70.8	-6.8						2/07/73	34.1(5)	-20.3	
				2/01/73	70.0	-6.0						3/14/73	37.1(5)	-23.3	
				3/01/73	71.7	-7.7						4/14/73	94.1(1)	-80.3	
				4/01/73	70.4	-6.4						5/14/73	98.1(1)	-84.3	
				5/01/73	74.5	-10.5						6/14/73	89.1(1)	-75.3	
				6/01/73	73.3	-9.3						7/14/73	90.1(1)	-76.3	
												8/14/73	49.1(5)	-35.3	
												9/14/73	49.1(5)	-35.3	

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							
U-05 U-05.F U-05.F1								U-05 U-05.F U-05.F1							
04S/11W-31F05 S 30			12.3	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	34.4(5) 31.4(5) 30.4(5) 29.4(5) 28.4(5) 28.4(5) 26.4(5) 26.4(5) 26.4(5) 27.4(5) 29.4(5) 42.4(5)	-22.1 -19.1 -18.1 -17.1 -16.1 -16.1 -24.1 -24.1 -25.1 -27.1 -30.1	1101	05S/12W-12M02 S 30			39.0	4/24/73	48.2	-9.2	1101
								LA HARRA HYDRO SUBAREA							
								U-05.F2							
04S/12W-36N01 S 30			8.0	4/19/73	17.3	-9.3	1101	07S/10W-02N02 S 30			423.0	3/07/73 5/09/73	137.0 146.1	286.0 276.9	5102
04S/12W-36N05 S 30			8.0	3/13/73 5/11/73	15.7 15.9	-7.7 -7.9	5102	03S/10W-02001 S 30			373.5	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	22.6 21.1 21.1 20.9 21.6	350.4 352.4 352.4 352.6 351.4	5102
04S/12W-36N06 S 30			23.1	4/19/73	12.4	-9.3	1101	04S/10W-07G02 S 30			270.0	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	47.8 49.0 50.4 43.0 43.9	222.2 221.1 219.4 227.6 228.1	5102
04S/12W-36N08 S 30			2.3	4/25/73	6.5	-4.2	1101	03S/10W-07001 S 30			226.0	10/30/72 12/29/72	125.4 125.0	100.6 101.1	5102
04S/12W-36P01 S 30			8.2	4/27/73	23.0	-14.8	1101	03S/10W-09H02 S 30			327.0	10/30/72 12/29/72 3/07/73 5/09/73 7/02/73 8/30/73	46.3 49.4 45.3 43.0 40.4 40.7	280.7 277.6 281.7 284.0 284.1 284.4	5102
04S/12W-36P02 S 30			8.2	4/27/73	37.7	-29.5	1101	03S/10W-09M02 S 30			305.0	10/30/72 12/29/72	43.4(3) 36.7	261.6 260.4	5102
04S/12W-36P03 S 30			8.8	4/19/73	11.9	-3.1	1101	03S/10W-09R01 S 30			305.0	5/09/73 7/02/73 8/30/73	16.2 17.1 16.9	284.4 287.4 284.1	5102
04S/12W-36P04 S 30			8.8	4/19/73	13.6	-4.8	1101	07S/10W-10C01 S 30			345.0	3/07/73 5/09/73 7/02/73	78.2 90.7 98.6	266.8 254.4 246.4	5102
04S/12W-36P05 S 30			8.8	4/19/73	17.9	-9.1	1101	07S/10W-10N02 S 30			315.0	5/09/73 7/02/73 8/30/73	20.6 21.7 22.0	294.4 293.3 293.1	5102
04S/12W-36P06 S 30			8.8	4/19/73	30.1	-21.3	1101	07S/10W-10N04 S 30			307.0	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	22.0 17.9 21.6 23.0 23.2	285.4 289.1 285.4 284.0 283.6	5102
05S/12W-01C01 S 30			6.8	4/16/73	19.1	-12.3	1101	07S/10W-10P03 S 30			340.0	3/07/73	170.6	164.4	5102
05S/12W-01C02 S 30			6.8	4/16/73	30.0	-23.2	1101	03S/10W-11M02 S 30			350.7	10/30/72 5/09/73 7/02/73 8/30/73	43.7 39.7 40.6 41.1	307.0 311.0 310.1 309.5	5102
05S/12W-01N01 S 30			5.6	4/27/73	12.4	-6.8	1101	03S/10W-12M01 S 30			384.0	10/30/72 5/09/73 7/02/73	83.6 81.7 81.0	304.4 306.4 307.0	5102
05S/12W-01N02 S 30			5.6	4/27/73	12.0	-6.4	1101	07S/10W-14G01 S			348.7	5/09/73 7/02/73 8/30/73	NM-5 NM-5 NM-5	5102	
05S/12W-01N03 S 30			5.6	4/27/73	12.3	-6.7	1101	07S/10W-15R01 S 30			327.0	5/09/73 7/02/73	79.1 104.2	247.4 222.4	5102
05S/12W-01N04 S 30			5.6	4/27/73	26.9	-21.3	1101	07S/10W-15C01 S 30			322.0	12/29/72 3/07/73 5/09/73	101.3 100.0 84.3	220.7 222.1 237.7	5102
05S/12W-01F04 S 19			5.4	4/13/73	11.7	-6.3	1101	03S/10W-17P01 S 30			310.0	7/02/73	179.5	130.5	5102
05S/12W-01F05 S 19			5.4	4/13/73	13.3	-7.9	1101	03S/10W-22C02 S 30			280.0	10/30/72 12/29/72 3/07/73 5/09/73 7/02/73	180.9 189.9 159.5 162.2 166.3	99.1 90.1 120.4 117.8 113.7	5102
05S/12W-01F06 S 19			5.4	4/13/73	11.1	-5.7	1101	YORBA LINDA HYDRO SUBAREA							
05S/12W-01F07 S 19			5.4	4/13/73	22.2	-16.8	1101	U-05.F3							
05S/12W-01G02 S 30			6.3	4/16/73	15.6	-9.3	1101	03S/09W-17R01 S			395.0	10/27/72 12/27/72 2/23/73 5/08/73 6/29/73 8/29/73	118.9 89.0 90.1 105.2 114.1 115.5	276.1 306.0 304.9 289.4 280.9 279.5	5102
05S/12W-01G03 S 30			6.3	4/16/73	27.6	-21.3	1101	03S/09W-19N01 S 30			292.0	10/27/72 12/27/72 2/23/73 5/08/73 6/29/73 8/29/73	180.0 178.8 172.8 170.1 178.7 179.0	112.0 113.2 119.2 121.9 113.3 113.0	5102
05S/12W-01G04 S 30			6.1	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	23.6 17.9 21.2 18.3 22.6 23.1 25.4	-17.5 -11.8 -15.1 -12.2 -16.5 -17.0 -19.3	1101	03S/09W-20M01 S 30			335.2	10/27/72 12/27/72 2/23/73 5/08/73	167.5 167.6 159.9 158.0	167.7 167.6 175.3 177.2	5102
05S/12W-01M05 S 30			6.1	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	12.6 9.2 12.5 9.8 11.8 11.4 12.9	-6.5 -3.1 -6.4 -3.7 -5.7 -5.3 -6.8	1101								
05S/12W-01M06 S 30			6.1	4/26/73 6/01/73 8/03/73	12.9 13.6 15.2	-6.8 -7.5 -9.1	1101								
05S/12W-11M02 S			7.4	4/27/73	12.4	-5.0	1101								
05S/12W-11J02 S 30			6.7	4/24/73	24.6	-17.9	1101								
05S/12W-11J03 S 30			5.0	4/24/73	37.2	-32.2	1101								
05S/12W-11P01 S 30			14.2	4/24/73	51.7	-37.5	1101								
05S/12W-12C01 S			17.0	11/03/72 3/13/73 5/11/73	51.0 41.4 48.3	-34.0 -24.4 -31.3	1101								
05S/12W-12C02 S 30			6.6	4/27/73	16.3	-9.7	1101								
05S/12W-12C03 S 30			7.0	4/27/73	15.9	-8.9	1101								
05S/12W-12C04 S 30			7.0	4/27/73	13.9	-6.9	1101								
05S/12W-12C05 S 30			7.0	4/27/73	23.7	-16.7	1101								
05S/12W-12N02 S			7.3	4/27/73	14.3	-7.0	1101								
05S/12W-12M01 S 30			39.2	4/24/73	66.0	-26.8	1101								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT							U-05								
ANAHEIM HYDRO SUBUNIT							U-05.F								
YORBA LINDA HYDRO SUBAREA							U-05.F3								
03S/09W-20M01 S 30			335.2	6/29/73	161.7	173.5	5102								
(CONTINUED)				8/29/73	168.5	166.7									
03S/09W-21M03 S 30			365.0	10/27/72	74.6	290.4	5102								
				5/08/73	75.0	290.0									
03S/09W-30R01 S 30			262.0	10/27/72	79.4 (3)	182.6	5102								
				5/08/73	78.5	183.5									
				6/29/73	78.3	183.7									
				8/29/73	80.1	181.9									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LAMONTAN DRAINAGE PROVINCE INDIAN WELLS HYDRO UNIT INDIAN WELLS HYDRO SUBUNIT								FREMONT HYDRO UNIT KOEHN HYDRO SUBUNIT							
						W-24 W-24.B								W-25 W-25.D	
26S/38E-01G01 M	15		2330.0	3/06/73	136.0	2194.0	5000	30S/37E-24J01 M	15		1975.0	2/15/73	88.3	1886.7	5000
26S/38E-02Q01 M			2429.6	4/05/73	NM-6		5000	30S/37E-36G01 M	15		1981.0	10/12/72 2/15/73	96.6 83.9	1884.4 1897.1	5000
								30S/38E-03J01 M	15		1900.0	3/25/73	1.3	1898.7	5000
								30S/38E-24F01 M	15		1940.0	2/15/73	24.7	1915.3	5000
								30S/39E-08A01 M	15		2050.0	3/25/73	140.2	1909.8	5000
								31S/37E-08C01 M			2190.0	2/15/73	201.7	1988.3	5000
								31S/37E-10A01 M	15		2105.0	2/15/73	246.6	1858.4	5000
								31S/37E-30F01 M			2371.7	0/12/72 2/15/73	327.4 325.6	2044.3 2046.1	5000
								31S/37E-33H01 M			2340.0	2/15/73	272.7	2067.3	5000
								31S/37E-35N01 M			2320.0	0/12/72 2/14/73	254.0 253.2	2066.0 2066.8	5000
								32S/36E-22C01 M	15		2720.0	3/25/73	621.7	2098.3	5000
								32S/36E-23Q01 M			2670.0	3/25/73	NM-0		5000
								32S/36E-35N01 M			2692.0	3/24/73	269.0	2423.0	5000
								32S/37E-09Q01 M			2410.0	2/14/73	331.4	2078.6	5000
								32S/37E-11N01 M			2375.0	2/14/73	281.7	2093.3	5000
								32S/37E-12M01 M			2350.0	2/14/73	242.4	2107.6	5000
								32S/37E-26N01 M	15		2420.0	10/12/72 2/14/73	331.1 328.6	2088.9 2091.4	5000
								11N/11W-07A01 S			2627.9	7/24/73	204.9	2423.0	5000
								11N/11W-09A01 S			2549.6	0/11/72 3/24/73	127.4 127.5	2422.2 2422.1	5000
								12N/12W-35P01 S			2743.3	3/24/73	320.1	2423.2	5000



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT CHAFEE HYDRO SUBAREA							W-26 W-26.A W-26.A1	ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA							W-26 W-26.A W-26.A5
10N/12W-02R01 S			2575.1	10/12/72 3/25/73	152.1 152.0	2423.0 2423.1	5000	07N/10W-19D01 < (CONTINUED)			2446.0	12/11/72 1/04/73 2/05/73 3/07/73 4/09/73 5/04/73 6/01/73 7/03/73 8/02/73 9/11/73	280.3 280.1 280.2 280.0 280.5 280.6 281.0 281.5 281.6 282.0	2165.7 2165.9 2165.4 2166.0 2165.5 2165.4 2165.0 2164.5 2164.4 2164.0	1101
11N/12W-12M01 S 15			2695.0	10/11/72 3/24/73	271.2 271.4	2423.8 2423.6	5000	07N/10W-31M01 <			2505.3	2/14/73	377.4	2127.4	5000
11N/12W-26J01 S 15			2594.6	3/25/73	183.7	2410.9	5000	07N/11W-01001 <			2385.0	2/13/73	207.4	2177.6	5000
11N/13W-36K01 S			2888.0	3/24/73	NM-0		5000	07N/11W-19001 <			2418.0	2/14/73	228.1	2189.4	5000
GLOSTER HYDRO SUBAREA							W-26.A2	07N/11W-21F01 <			2422.0	2/14/73	114.0	2304.0	5000
10N/12W-09A01 S			2594.0	3/24/73	154.5	2439.5	5000	07N/11W-33N01 < 19			2473.0	2/14/73	314.2	2158.4	5000
10N/12W-13M01 S			2505.0	2/12/73	62.5	2442.5	5000	07N/12W-13F01 < 19			2382.0	2/14/73	175.9	2206.1	5000
10N/12W-22J01 S 15			2530.0	2/12/73	39.8	2490.2	5000	07N/12W-13M02 < 19			2385.0	10/11/72 2/14/73	129.4 129.3	2255.4 2255.1	5000
10N/13W-22C01 S			2878.0	3/24/73	311.7	2566.3	5000	07N/12W-15F01 < 19			2348.0	2/14/73	150.5	2197.5	5000
WILLOW SPRINGS HYDRO SUBAREA							W-26.A3	07N/12W-15F02 <			2355.0	2/15/73	NM-0		5000
09N/13W-04A01 S			2636.8	3/24/73	182.3(4)	2454.5	5000	07N/12W-18R02 <			2337.0	2/14/73	NM-0		5000
09N/13W-07003 S 15			2605.0	10/11/72 2/16/73	81.1 66.2	2523.9 2538.8	5000	07N/12W-19R01 <			2386.0	2/14/73	187.7	2198.3	5000
09N/14W-01H01 S			2700.0	2/16/73	152.4	2547.6	5000	07N/12W-22K01 < 19			2407.0	2/14/73	218.1	2186.4	5000
09N/15W-11A01 S			2953.4	10/11/72 2/15/73	86.0 86.2	2867.4 2867.2	5000	07N/12W-22R02 < 19			2411.0	4/09/73 5/04/73 6/01/73 7/03/73 8/02/73 9/11/73	224.0 228.6(4) 227.1 228.5(4) 230.7 232.4	2187.0 2182.4 2183.4 2182.5 2180.1 2178.4	1101
09N/15W-12M01 S			2899.1	10/11/72	499.8	2399.3	5000	07N/12W-22R03 < 19			2407.0	10/05/72 11/08/72 12/11/72 1/04/73 2/05/73 3/07/73	222.4 221.6 219.8 218.9 218.4 217.7	2184.4 2185.4 2187.2 2184.1 2184.4 2184.3	1101
10N/13W-19M01 S			2905.0	10/11/72 3/24/73	316.0 315.8	2589.0 2589.2	5000	07N/12W-25M01 <			2455.0	3/19/73	NM-0		5000
11N/13W-29M01 S			3391.0	10/10/72 11/10/72 12/10/72 1/10/73 2/10/73 3/10/73 4/10/73 5/10/73 6/10/73 7/10/73 8/10/73 9/10/73	330.0 330.0 320.0 340.0 325.0 330.0 323.0 330.0 330.0 330.0 330.0 325.0	3061.0 3061.0 3071.0 3051.0 3066.0 3061.0 3068.0 3061.0 3061.0 3061.0 3061.0 3066.0	4785	07N/12W-29F02 <			2415.0	2/14/73	NM-1		5000
NEENACH HYDRO SUBAREA							W-26.A4	07N/13W-03F01 <			2381.0	10/11/72 2/15/73	190.9 176.3	2190.1 2204.7	5000
08N/14W-18N01 S 19			2642.0	10/11/72 2/15/73	122.5 121.2	2519.5 2520.8	5000	07N/13W-21A01 <			2360.0	2/13/73	44.1	2315.4	5000
08N/15W-10P01 < 19			2712.0	2/15/73	156.7	2555.3	5000	07N/13W-34R01 <			2433.0	2/14/73	326.5	2104.5	5000
08N/15W-18H01 S			2790.0	2/15/73	205.3	2584.7	5000	07N/14W-13A01 <			2467.0	2/14/73	289.2	2186.4	5000
08N/15W-33G01 S 19			2930.0	2/14/73	223.4	2706.6	5000	08N/09W-06D01 < 19			2293.0	2/13/73	42.4	2250.6	5000
08N/16W-03F01 S			2860.0	10/11/72 2/15/73	205.0 204.9	2655.0 2655.1	5000	08N/10W-08R03 < 19			2318.0	2/13/73	74.0	2244.1	5000
08N/16W-18F01 S 19			3029.0	2/14/73	243.9	2785.1	5000	08N/10W-28R01 <			2358.0	2/13/73	141.6	2216.4	5000
09N/14W-20P01 S			2656.4	10/11/72 2/15/73	322.7 323.0	2333.7 2333.4	5000	08N/11W-14P01 <			2317.0	2/12/73	92.1	2224.4	5000
09N/14W-31K02 S			2604.0	2/15/73	299.1	2304.9	5000	08N/11W-27R02 <			2341.0	2/13/73	NM-0		5000
09N/16W-27M01 S				2/15/73	NM-1		5000	08N/11W-32F01 <			2340.0	3/19/73	95.6	2244.4	5000
09N/16W-36C01 S			2925.0	2/15/73	286.1	2638.9	5000	08N/11W-34D02 <			2340.0	3/19/73	140.8	2199.2	5000
LANCASTER HYDRO SUBAREA							W-26.A5	08N/11W-34R02 <			2358.0	2/13/73 3/13/73	127.1 127.2	2230.4 2230.4	5000
05N/12W-03J01 S			2824.0	1/16/73	16.6	2807.4	1101	08N/12W-02001 S 19			2283.0	2/12/73	45.6	2237.4	5000
05N/12W-04M01 S 19			3250.0	1/16/73	45.0	3205.0	1101	08N/12W-14R01 <			2291.0	2/12/73	67.4	2223.4	5000
06N/11W-03F01 S 19			2491.0	2/13/73	319.3	2171.7	5000	08N/12W-20R02 <			2317.5	2/14/73	74.4	2243.1	5000
06N/11W-06G02 S 19			2480.0	2/13/73	321.8	2158.2	5000	08N/12W-31002 <			2322.0	2/15/73	58.7	2263.3	5000
06N/11W-16J01 S			2547.0	2/15/73	344.9	2202.1	5000	08N/13W-05F01 <			2440.0	2/12/73	271.0	2169.0	5000
07N/09W-17N02 S 36			2492.0	2/12/73	228.8	2263.2	5000	08N/13W-09K01 <			2412.0	2/12/73	223.1	2188.9	5000
07N/10W-03A01 S				3/19/73	NM-1		5000	08N/13W-20R01 < 19			2430.0	2/12/73	279.3	2150.7	5000
07N/10W-05E01 S			2391.0	2/13/73	204.5	2186.5	5000	08N/13W-23M02 < 19			2376.0	2/12/73	78.0	2298.0	5000
07N/10W-10N01 S			2437.0	10/13/72 2/12/73	363.2 339.7	2073.8 2097.3	5000	08N/13W-34P03 <			2365.0	10/11/72 2/15/73	77.6 77.7	2287.4 2287.3	5000
07N/10W-14R03 S			2466.0	2/12/73	376.7	2089.3	5000	08N/13W-36L01 <			2340.0	10/11/72 2/15/73	124.9 128.8	2215.1 2211.2	5000
07N/10W-19D01 S			2446.0	10/05/72	280.8	2165.2	1101	08N/14W-15G01 <			2525.0	2/15/73	NM-1		5000

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA								ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA							
						W-26 W-26.A W-26.A5								W-26 W-26.A W-26.A8	
08N/14W-36F01 S 19			2488.0	2/15/73	286.8	2201.2	5000	04N/09W-06A01 S 19			3459.6	3/02/73 5/01/73 6/26/73	3.0 NM-1 NM-1	3456.6	5050
09N/08W-06H01 S 15			2387.0	2/13/73	160.1	2226.9	5000								
09N/09W-02Q01 S 15			2274.8	2/13/73	54.1	2220.7	5000	04N/09W-06R01 S 19			3469.6	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	15.0 (2) 9.9 (2) 5.3 (2) 4.4 4.7 (2) 3.7 (2) 4.0 (2)	3454.6 3459.7 3464.3 3465.2 3464.9 3465.9 3465.6	5050
09N/09W-06F01 S 15			2290.2	2/13/73	48.5	2241.7	5000								
09N/09W-10R01 S 15			2280.0	10/12/72	63.0	2217.0	5000								
09N/09W-18C01 S 15			2280.3	2/13/73	75.1	2205.2	5000	04N/09W-06R02 S 19			3464.0	1/04/73 2/05/73 3/07/73 4/09/73 5/03/73 6/01/73 7/03/73 8/02/73 9/11/73	4.5 2.9 2.2 3.0 2.8 0.6 2.0 1.3 2.9	3459.5 3461.1 3461.4 3461.0 3461.2 3463.4 3462.0 3462.7 3461.1	1101
09N/09W-27H02 S 15			2280.0	2/13/73	61.1	2218.9	5000								
09N/10W-08P01 S 15			2372.0	2/14/73	84.6	2287.4	5000								
09N/10W-12P01 S			2280.0	2/13/73	73.2	2206.8	5000								
09N/10W-22J02 S 15			2285.0	2/13/73	96.3	2188.7	5000								
09N/10W-24C01 S 15			2285.0	2/13/73	81.6	2203.4	5000								
09N/10W-28F02 S			2290.0	2/14/73	70.9	2219.1	5000	04N/09W-06C01 S 19			3493.0 3492.8 3493.0	10/05/72 11/02/72 1/04/73 2/05/73 3/01/73 4/09/73 5/01/73 6/28/73 7/26/73 8/02/73 9/11/73	8.8 7.1 4.3 6.7 3.0 3.4 3.9 3.1 3.5 3.3 3.5	3484.2 3485.7 3488.7 3486.3 3490.0 3489.6 3488.4 3489.7 3489.3 3489.7 3489.5	1101 5050 1101
09N/10W-34H01 S 15			2285.0	10/13/72 2/13/73	80.4 75.3	2204.6 2209.7	5000								
09N/12W-23N01 S			2294.0	2/12/73	55.7	2238.3	5000								
09N/12W-35N01 S			2295.0	2/12/73	39.5	2255.5	5000								
09N/13W-14001 S			2442.0	2/16/73	197.1	2244.9	5000								
09N/13W-27K01 S				2/13/73	NM-1		5000	04N/09W-07R01 S			3596.0	10/05/72 11/03/72 1/05/73 3/01/73 4/09/73 5/03/73 7/03/73 8/02/73 9/11/73	21.6 19.4 21.6 11.7 12.7 12.8 13.5 14.5 13.4	3574.4 3576.6 3574.4 3584.3 3583.3 3583.2 3582.5 3581.5 3582.6	1101
NORTH MUROC HYDRO SUBAREA								W-26.A6							
32S/39F-33W01 M 15			2474.0	10/12/72 2/13/73	486.6 482.4	1987.4 1991.6	5000								
10N/09W-04D01 S 15			2304.0	10/12/72 2/13/73	113.2 114.9	2190.8 2189.1	5000	04N/09W-08L01 S			3735.0	10/05/72 12/06/72 1/05/73 2/05/73 3/01/73 4/09/73 6/01/73 8/02/73 9/11/73	59.6 50.3 52.2 51.6 53.7 51.7 61.2 56.2 40.5	3675.4 3684.7 3682.8 3683.4 3681.3 3683.3 3673.8 3678.4 3694.5	1101
10N/09W-24A02 S			2287.0	10/12/72 2/13/73	78.3 78.7	2208.7 2208.3	5000								
11N/08W-29K01 S 15			2351.8	2/13/73	161.6	2190.2	5000								
11N/09W-17N01 S 15			2319.9	2/14/73	141.1	2178.8	5000								
11N/09W-30H01 S 15			2298.3	2/14/73	105.4	2192.9	5000								
11N/09W-36R01 S 15			2312.5	2/13/73	107.1	2205.4	5000	04N/09W-09M01 S 19			3800.0	10/05/72 11/03/72 12/06/72 1/04/73 2/05/73 3/01/73 5/03/73 6/01/73	85.8 89.0 83.1 79.8 75.7 72.2 61.3 56.8	3714.2 3711.0 3716.4 3720.2 3724.3 3727.8 3738.7 3743.2	1101
BUTTES HYDRO SUBAREA								W-26.A7							
05N/11W-01M01 S			2738.5	10/13/72 2/13/73	98.4 100.2	2640.1 2638.3	5000								
05N/11W-04F01 S 19			2694.6	1/16/73	157.1	2537.5	1101								
05N/11W-04R02 S 19			2755.0	2/13/73	164.8	2590.2	5000	04N/09W-09N04 S 19			3831.0	12/06/72 1/04/73 2/05/73 3/01/73 4/09/73 6/01/73 7/03/73 9/11/73	54.1 47.1 48.3 46.8 50.7 47.7 48.8 53.1	3776.9 3783.9 3782.7 3784.2 3780.7 3783.3 3782.2 3777.9	1101
05N/11W-09Q01 S 19			2857.0	1/15/73	66.0	2791.0	1101								
05N/11W-09R01 S 19			2833.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	49.5 48.9 47.1 46.8 22.8 (3) NM-1 NM-1	2783.5 2784.1 2785.9 2786.2 2810.2	5050	04N/09W-17H01 S			3920.0	10/05/72 11/03/72 12/06/72 1/04/73 2/05/73 3/01/73 4/09/73 6/01/73 7/03/73 9/11/73	15.2 15.7 11.8 11.6 13.2 10.9 11.0 9.5 10.2 12.0 14.5 15.7	3904.8 3904.3 3908.2 3908.4 3906.8 3909.1 3909.0 3910.5 3909.8 3908.0 3905.5 3904.3	1101
05N/11W-16R01 S 19			2950.0	1/16/73	35.2	2914.8	1101								
05N/12W-02K02 S 19			2806.0	1/16/73	14.7	2791.3	1101								
05N/12W-12A02 S 19			2892.0	1/16/73	14.5	2877.5	1101								
05N/12W-14L01 S			3140.0	11/29/72 4/12/73	206.8 203.9	2933.2 2936.1	1101	04N/10W-02M01 S 19			3840.0	1/15/73	40.2	3799.8	1101
06N/09W-04H02 S 19			2595.0	10/13/72 2/14/73	172.2 171.9	2422.8 2423.1	5000	04N/10W-02Q01 S 19			3820.0	1/15/73	53.4	3766.5	1101
06N/09W-11N01 S			2666.0	2/14/73	171.8	2494.2	5000	04N/10W-11A01 S			3810.0	1/15/73	23.1	3786.9	1101
06N/10W-22D01 S			2645.0	10/13/72 2/14/73	163.0 162.6	2482.0 2482.4	5000	04N/10W-11R01 S			3835.0	1/15/73	63.5	3771.5	1101
06N/10W-30E01 S 19			2666.0	1/16/73	90.3	2575.7	1101	05N/09W-20K01 S 19			3178.0 3177.0	10/13/72 2/13/73 3/02/73 5/01/73 6/28/73 7/26/73	240.6 243.5 243.0 243.8 244.4 244.8	2937.4 2934.5 2934.0 2933.2 2932.6 2932.2	5000 5050
06N/10W-34D01 S 19			2706.0	2/14/73	141.8	2564.2	5000	05N/09W-24P01 S 19			3373.0	1/15/73	329.3	3043.7	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA							W-26 W-26.A W-26.AB	MOJAVE HYDRO UNIT EL MIRAGE HYDRO SUBUNIT							W-28 W-28.A
05N/09W-26D01 S			3354.0	1/15/73	343.5	3010.5	1101	04N/07W-27D01 S			890.0	11/27/72 4/06/73	7.8 7.3	882.2 882.7	1101
05N/09W-30N01 S			3310.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	62.6 65.0 69.5 59.8 57.9 57.4 59.6	3247.4 3245.0 3240.5 3250.2 3252.1 3252.6 3250.4	5050	06N/06W-18P03 S			2895.0	11/02/72	NM-9		5101
								06N/07W-10P01 S	36		2865.0	11/02/72 4/06/73	29.2(1) 29.0(1)	2835.8 2836.0	5101
05N/09W-31R01 S			3433.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 7/26/73	18.5 14.7 11.1 4.0 5.1 7.0	3414.5 3418.3 3421.9 3429.0 3427.9 3426.0	5050	06N/07W-26R01 S			3005.0	11/02/72 4/06/73	127.7 127.5	2877.3 2877.5	5101
								06N/07W-27N01 S			3020.0	11/02/72 4/06/73	140.0 140.3	2880.0 2879.7	5101
05N/10W-03L01 S			2802.0	2/14/73	104.0	2698.0	5000	UPPER MOJAVE HYDRO SUBUNIT							W-28.B
05N/10W-16J01 S	19		2950.0	10/06/72 11/27/72 2/09/73 3/02/73 5/01/73 6/28/73 7/26/73	185.5 184.3 175.5 175.6 176.0 175.9 NM-2	2764.5 2765.7 2774.5 2774.4 2774.0 2774.1	5050	03N/04W-13R02 S	36		3005.3	10/27/72 4/06/73	93.6 89.0	2911.7 2916.3	5101
05N/10W-16P01 S	19		3023.0	2/13/73	263.7	2759.3	5000	03N/04W-28P01 S	36		3168.6	11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 9/21/73	14.5 14.8 13.3 6.2 4.7 3.8 2.9 4.9 7.0 8.9	3154.1 3153.8 3155.3 3162.4 3163.9 3164.8 3165.7 3163.7 3161.6 3159.7	5050
05N/10W-34N02 S	19		3549.7	1/15/73	32.0	3517.7	1101	03N/04W-29P03 S	36		3189.5	10/18/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	8.9 8.9 8.7 8.1 5.0 4.2 5.2 5.6 5.8 6.2 8.2 7.6	3180.6 3180.6 3180.8 3181.4 3184.5 3185.3 3184.3 3183.0 3183.7 3183.3 3181.3 3181.9	5050
05N/11W-12001 S	19		2832.0	1/16/73	168.2	2663.8	1101								
05N/11W-13J01 S			2912.0	1/15/73	DRY		1101	03N/04W-31A01 S	36		3210.0	10/11/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	14.3 14.3 14.0 13.8 9.8 8.5 10.3 10.9 10.9 12.2 12.3 13.4	3195.7 3195.7 3196.0 3196.2 3200.2 3201.5 3199.7 3199.1 3199.1 3197.8 3197.7 3196.6	5050
05N/11W-13L01 S	19		2930.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	188.2 188.8 187.2 186.9 186.8 186.5 186.4	2741.8 2741.2 2742.8 2743.1 2743.2 2743.5 2743.6	5050								
05N/11W-21J01 S			3045.0	1/16/73	30.3	3014.7	1101	03N/04W-32C01 S	36		3187.0	10/11/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/06/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	10.5 10.5 9.9 9.9 6.1 4.6 6.2 6.1 7.5 7.9 8.8 8.9	3176.5 3176.5 3177.1 3177.1 3180.9 3182.4 3160.8 3160.9 3179.5 3179.1 3178.2 3178.1	5050
06N/09W-30F01 S	19		2758.0	2/14/73	51.2	2706.8	5000								
								04N/07W-06D02 S	36		2870.0	10/30/72 1/04/73 2/06/73 4/06/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	71.7 70.9 71.0 68.1 68.1 68.3 68.9 67.4 67.8	2798.3 2799.1 2799.0 2801.9 2801.9 2801.7 2801.1 2802.6 2802.7	5101
								04N/03W-07P02 S			2868.5	10/30/72 12/06/72 1/04/73 3/14/73	NM-1 NM-1 NM-1 NM-1		5101
								04N/04W-08G01 S			3165.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/06/73	NM-1 NM-1 NM-7 NM-7 NM-1 NM-1		5101
								05N/02W-33N01 S			3030.0	12/07/72 3/23/73 6/22/73 9/27/73	186.2 165.1 189.5 165.5	2843.8 2864.9 2840.5 2864.5	5702
								05N/03W-03D02 S	36		2920.0	10/27/72 4/06/73	128.6 125.8	2791.4 2794.2	5101
								05N/03W-13D01 S			2930.0	10/27/72 4/06/73	NM-4 NM-4		5101
								05N/03W-24N01 S	36		2927.7	10/27/72	111.4	2816.3	5101

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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
MOJAVE HYDRO UNIT UPPER MOJAVE HYDRO SUBUNIT							W-28 W-28.B	MOJAVE HYDRO UNIT HARPER HYDRO SUBUNIT HARPER HYDRO SUBAREA							W-28 W-28.D W-28.D2
05N/03W-24N01 S	36		2927.7	4/06/73	112.1	2815.6	5101	11N/03W-30J02 S	36		2030.8	4/19/73	6.0	2024.8	5101
05N/03W-35N01 S	36		2984.0	10/30/72 4/11/73	169.7 170.8	2814.3 2813.2	5101	11N/04W-19H01 S	36		2039.1	11/10/72 4/19/73	141.4(3) 138.9(3)	1897.7 1900.2	5101
06N/03W-09F04 S	36		3085.0	10/27/72 4/10/73	31.8 31.2	3053.2 3053.8	5101	11N/04W-32A01 S	36		2058.0	11/10/72 4/19/73	133.6 NM-3	1924.4	5101
06N/05W-28F01 S	36		2875.6	11/02/72 4/06/73	120.1 120.2	2755.5 2755.4	5101	11N/04W-32D01 S	36		2075.0	11/10/72	168.9	1906.1	5101
06N/06W-21A01 S			2860.0	11/02/72 4/06/73	60.0 59.8	2800.0 2800.2	5101	11N/05W-13H01 S			2036.2	11/10/72 4/19/73	105.7 103.7	1930.5 1932.5	5101
MIDDLE MOJAVE HYDRO SUBUNIT							W-28.C	LOWER MOJAVE HYDRO SUBUNIT							W-28.E
08N/03W-07N01 S			2340.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/11/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	31.2 31.3 30.7 30.5 29.4 28.4 27.2 26.3 26.5 26.0 25.8	2308.8 2308.7 2309.3 2309.5 2310.6 2311.6 2312.8 2313.7 2313.5 2314.0 2314.2	5101	09N/01E-03H01 S	36		1948.0	10/26/72 4/10/73	97.3(1) 97.8(1)	1850.7 1850.2	5101
08N/04W-20N01 S	36		2407.7	11/10/72 4/11/73	18.2(1) 16.5	2389.5 2391.2	5101	09N/01F-13E02 S	36		1949.6	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73	101.8 101.6 101.1 101.2 101.3 101.3 101.4 101.8	1847.8 1848.0 1848.5 1848.4 1848.1 1848.3 1848.2 1847.8	5101
09N/02W-04R02 S	36		2160.0	10/31/72 4/10/73	49.4 50.7	2110.6 2109.3	5101	09N/02E-14N02 S	36		1886.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/06/73 9/13/73	45.6 47.7 45.5 45.4 45.5 46.3 46.5 47.0 47.8 47.0 47.4	1840.4 1838.3 1840.5 1840.6 1840.5 1839.7 1839.5 1839.0 1838.2 1839.0 1838.6	5101
09N/02W-20R01 S	36		2293.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/11/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	128.9 128.8 129.0 128.9 128.8 128.8 129.1 129.3 129.4 129.7 130.0	2164.1 2164.2 2164.0 2164.1 2164.2 2164.2 2163.9 2163.7 2163.6 2163.3 2163.0	5101	09N/02E-20Q01 S	36		1921.4	10/30/72 4/10/73 7/10/73 8/06/73 9/13/73	77.3 77.2 80.2 91.8 82.6	1844.1 1844.2 1841.2 1829.6 1838.8	5101
09N/02W-34D01 S			2450.0	10/30/72 4/10/73	NM-9 NM-9		5101	09N/04E-07M02 S	36		1803.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 5/04/73 8/07/73 9/13/73	42.0 40.3 45.0 43.3 42.2 44.9 49.0 48.2	1761.0 1762.7 1758.0 1759.7 1760.8 1758.1 1754.0 1754.8	5101
09N/03W-11N01 S	36		2209.0	10/31/72 4/11/73	50.3 51.6	2158.7 2157.4	5101	09N/01W-10D02 S	36		2045.0	10/26/72 4/10/73	16.0 15.1	2029.0 2029.9	5101
09N/03W-28A03 S	36		2245.0	10/31/72 4/11/73	43.2 32.9	2201.8 2212.1	5101	09N/01W-10M02 S			2097.4	10/30/72 4/10/73	NM-4 NM-4		5101
10N/02W-19P01 S			2216.0	3/14/73 5/04/73 6/06/73 8/07/73 9/13/73	NM-1 NM-1 NM-1 NM-1 NM-1		5101	TROY HYDRO SUBUNIT TROY HYDRO SUBAREA							W-28.F W-28.F2
10N/02W-32K01 S	36		2170.0	10/31/72 4/10/73	50.2 50.6	2119.8 2119.4	5101	08N/03E-04R03 S	36		1819.6	10/30/72 4/10/73	14.3 12.7	1805.3 1806.9	5101
10N/03W-27D01 S	36		2164.6	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	66.8 66.7 66.5 66.5 66.5 66.6 66.9 67.0 67.3 67.3 68.4	2097.8 2097.9 2098.1 2098.1 2098.1 2098.0 2097.7 2097.6 2097.3 2097.3 2096.2	5101	09N/03E-19F01 S	36		1860.1	10/30/72 4/10/73	22.2 22.4	1837.9 1837.7	5101
10N/03W-27R01 S	36		2185.0	10/31/72 4/10/73	111.5 NM-4	2073.5	5101	09N/03F-29G02 S	36		1850.0	10/30/72 4/10/73	16.1 34.3(1)	1833.9 1815.7	5101
10N/03W-35O03 S			2197.0	10/31/72 4/10/73	NM-9 NM-1		5101	09N/03F-34D03 S	36		1828.8	10/30/72 4/10/73	51.5 51.4	1777.3 1777.4	5101
HARPER HYDRO SUBUNIT HARPER HYDRO SUBAREA							W-28.D W-28.D2								
32S/43F-28Q01 M			2277.0	11/10/72 4/19/73	NM-7 NM-7		5101								
10N/03W-36J02 S	36		2180.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	67.6 66.4 65.7 65.5 69.0(3) 69.9 NM-1 NM-1 NM-1 NM-1	2112.4 2113.6 2114.3 2114.5 2111.0 2110.1	5101								
11N/03W-30J01 S	36		2033.0	11/10/72 4/19/73	4.1 3.2	2028.9 2029.8	5101								
11N/03W-30J02 S	36		2030.8	11/10/72	3.9	2026.9	5101								

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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
COLORADO R. BASIN DRAINAGE PROV LUCERNE HYDRO UNIT							X X-01	DEADMAN HYDRO UNIT							X-07
04N/01E-02L01 S 36			2927.0	12/07/72 3/23/73 6/22/73 9/27/73	97.2 96.3 99.0 101.2	2829.8 2830.7 2828.0 2825.8	5702	02N/07E-02C01 S			2300.0	4/10/73	111.8(2)	2188.2	5000
04N/01E-02M01 S 36			2922.0	3/23/73 6/22/73	102.3 111.7	2819.7 2810.3	5702	02N/07E-02D01 S			2290.0	4/10/73	NM-1		5000
04N/01E-03L01 S			2917.0	12/07/72 3/23/73 6/22/73 9/27/73	DRY DRY DRY DRY		5702	02N/07E-03A01 S 36			2300.9	4/10/73	135.0(4)	2165.9	5000
04N/01E-05H01 S 36			2905.0	12/07/72 3/23/73 6/22/73 9/27/73	137.0 133.0 142.0 142.7	2768.0 2772.0 2763.0 2762.3	5702	02N/07E-03R01 S 36			2355.3	4/10/73	130.0	2225.3	5000
04N/01E-06R01 S 36			2895.0	10/30/72 4/11/73	114.9 117.6	2780.1 2777.4	5101	02N/07E-03E01 S 36			2400.0	4/10/73	165.0(4)	2235.0	5000
04N/01E-07P02 S			2950.0	12/07/72 3/23/73 6/22/73 9/27/73	137.8 140.6 149.3 DRY	2812.2 2809.4 2800.7	5702	02N/07E-04H01 S			2442.2	4/10/73	199.3	2242.9	5000
04N/01E-07R02 S 36			2940.0	12/07/72 3/23/73 6/22/73 9/27/73	119.8 109.2 108.4 112.9	2820.2 2830.8 2831.6 2827.1	5702								
04N/01E-10001 S			2988.0	12/07/72	NM-6		5702								
04N/01E-11D02 S 36			2940.0	12/07/72 3/23/73 6/22/73 9/27/73	114.4 118.2 113.7 114.0	2825.6 2821.8 2826.3 2826.0	5702								
04N/01E-20A01 S			3035.0	12/07/72 3/23/73 6/22/73 9/27/73	131.6 139.4 132.9 131.9	2903.4 2895.6 2902.1 2903.1	5702								
05N/01E-16C01 S 36			2932.0	12/07/72 3/23/73 6/22/73	117.1 117.2 117.3	2814.9 2814.8 2814.7	5702								
05N/01E-17D01 S 36			2880.0	12/07/72 3/23/73 6/22/73	115.8 14.4 116.0	2764.2 2865.6 2764.0	5702								
05N/01E-27H01 S 36			2930.0	12/07/72 3/23/73 6/22/73	108.9 107.2 106.5	2821.1 2822.8 2823.5	5702								
04N/01W-02P01 S 36			2880.0	3/23/73 6/22/73	88.3 109.0	2791.7 2771.0	5702								
04N/01W-03D01 S 36			2850.0	12/07/72 3/23/73 6/22/73	13.1 12.1 12.4	2836.9 2837.9 2837.6	5702								
04N/01W-08N01 S			2940.0	12/07/72 3/23/73 6/22/73 9/27/73	15.2 15.2 15.3 16.4	2924.8 2924.8 2924.7 2923.6	5702								
04N/01W-09001 S 36			2975.0	10/30/72 4/11/73	45.0 44.0	2930.0 2931.0	5101								
04N/01W-10A01 S			2907.0	12/07/72 3/23/73 6/22/73	8.7 7.1 8.8	2898.3 2899.9 2898.2	5702								
04N/01W-14A02 S 36			2965.0	12/07/72 3/23/73 6/22/73 9/27/73	85.1 85.5 93.4 85.1	2879.9 2879.5 2871.6 2879.9	5702								
04N/01W-14R02 S 36			2940.0	12/07/72 3/23/73 6/22/73 9/27/73	15.3 17.0 15.8 16.7	2924.7 2923.0 2924.2 2923.3	5702								
04N/02W-13A01 S			2980.0	10/30/72 4/11/73	68.1 68.0	2911.9 2912.0	5101								
05N/01W-01C01 S 36			2920.0	10/30/72 4/11/73	155.3 155.4	2764.7 2764.6	5101								
05N/01W-01L01 S 36			2905.0	10/30/72 4/11/73	134.2 134.5	2770.8 2770.5	5101								
06N/01W-05J01 S 36			3229.0	10/30/72 4/11/73	119.8 119.8	3109.2 3109.2	5101								
06N/01W-22P01 S			3059.0	10/30/72 4/11/73	157.5 157.7	2901.5 2901.3	5101								
06N/01W-36K02 S 36			2940.0	10/30/72 4/11/73	194.5 197.9	2745.5 2742.1	5101								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
JOSHUA TREE HYDRO UNIT WARREN HYDRO SUBUNIT							X-08 X-08.A	DALE HYDRO UNIT TWENTYNINE PALMS HYDRO SUBUNIT							X-09 X-09.A
01N/06F-28L01 S 36			2970.0	11/21/72 4/18/73	162.3 164.3	2807.7 2805.7	5101	01N/09F-01R01 S			1890.0	4/09/73	NM-0		5000
01N/06E-31P01 S 36			3280.0	11/21/72 4/18/73	317.3 320.1	2962.7 2959.9	5101	01N/09E-12601 S 36			1972.7	11/03/72 4/09/73	199.2 NM-1	1773.5	5101 5000
01S/05E-04R02 S			3520.0	11/21/72 4/18/73	75.8 75.2	3444.2 3444.8	5101	01N/09E-33A02 S 36			2520.0	11/09/72 4/18/73	267.9(2) 267.8(2)	2252.1 2252.2	5101
COPPER MOUNTAIN HYDRO SUBUNIT							X-08.B	01N/09E-04N03 S 36			1787.0	11/03/72 4/17/73	15.4 15.4	1771.6 1771.6	5101
01N/06E-09001 S			3220.0	11/21/72 4/18/73	NM-3 DPY		5101	01N/09E-05002 S 36			1800.0	4/09/73	31.1	1768.9	5000
01N/07E-14N01 S			2359.0	11/09/72 4/18/73	185.6 185.2	2173.4 2173.8	5101	01N/09E-06E01 S 36			1840.0	11/03/72 4/17/73	69.1(4) NM-1	1770.9	5101
01N/07E-21J01 S			2440.0	11/09/72 4/18/73	264.2 261.3	2175.8 2178.7	5101	01N/09E-07H01 S			1843.5	4/09/73	NM-0		5000
01N/07E-23A01 S 36			2865.0	4/18/73	215.4	2649.6	5101	01N/09E-09M02 S 36			1810.0	11/03/72 4/09/73	40.4 40.4	1769.6 1769.6	5101 5000
01N/07E-30P01 S			2670.0	11/21/72 4/18/73	372.3 372.3	2297.7 2297.7	5101	01N/09E-16D01 S 36			1815.0	4/09/73	42.1	1772.9	5000
01S/07F-27R01 S			3770.0	3/17/73 9/25/73	169.8 168.4	3600.2 3601.6	5000	01N/09E-17E01 S 36			1870.0	11/03/72 4/09/73	110.5 110.4	1759.5 1759.6	5101 5000
02S/08E-03C01 S			4300.0	3/17/73 9/25/73	98.6 94.0	4201.4 4206.0	5000	01N/09E-22E01 S 36			1827.0	11/03/72 4/17/73	55.5 55.1	1771.5 1771.9	5101
02S/08E-07K01 S			4100.0	3/17/73 9/25/73	221.7 222.5	3878.3 3877.5	5000	01N/09E-27C04 S 36			1870.0	11/03/72 4/17/73	84.3 84.2	1785.7 1785.8	5101
02S/08E-21G02 S			4480.0	3/17/73 9/25/73	38.6 37.8	4441.4 4442.2	5000	01N/09E-31A01 S 36			2095.0	11/09/72 4/17/73	113.4 112.4	1981.6 1982.6	5101
								01N/09E-31C01 S 36			2102.3	11/09/72 4/17/73	131.5 131.0	1970.8 1971.3	5101
								01N/09E-35F01 S 36			1971.0	11/03/72 4/17/73	111.7 111.4	1859.3 1859.6	5101
								01N/09E-35N01 S 36			2079.5	11/03/72 4/17/73	110.0(4) 110.3	1969.5 1969.2	5101
								01S/09E-03D01 S 36			2076.4	11/03/72 4/17/73	104.2 NM-1	1972.2	5101
								DALE HYDRO SUBUNIT							X-09.B
								01N/09F-12G03 S			1750.0	11/09/72 4/17/73	NM-3 NM-3		5101
								01N/10E-22J01 S 36			1640.0	11/09/72 4/17/73	298.3 297.0	1341.7 1343.0	5101
								01N/10E-24M02 S 36			1520.0	11/09/72 4/17/73	208.6 208.4	1311.4 1311.6	5101
								01N/11E-04M01 S			1360.0	11/09/72 4/17/73	140.8 151.8(4)	1219.2 1208.2	5101
								01N/11E-14A01 S 36			1285.0	11/09/72 4/17/73	80.4 80.4	1204.6 1204.6	5101
								01N/11F-35R01 S 36			1265.0	11/03/72 4/17/73	65.4 65.3	1199.6 1199.7	5101



# TABLE C-1 GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CHUCKWALLA HYDRO UNIT PINTO HYDRO SUBUNIT							X-17 X-17.C	WHITETWATER HYDRO UNIT MORONGO HYDRO SURUNIT							X-19 X-19.A
02S/12E-36F01 S			1347.0	4/26/73 9/24/73	401.3 400.3	945.7 946.7	5000	01S/04E-14N01 S 36			2750.0	11/21/72 4/18/73	185.1 184.9	2564.9 2565.1	5101
03S/15E-04J01 S 33			1080.6	3/17/73 9/24/73	166.3(2) 167.7(2)	914.3 912.9	5000	01S/04E-22J01 S 36			2750.0	11/21/72 4/18/73	168.0 168.0	2582.0 2582.0	5101
04S/11E-27001 S 33			2975.0	3/15/73 9/24/73	188.6 187.7	2786.4 2787.3	5000	01S/04E-23C03 S			2700.0	11/21/72 4/18/73	135.5 135.5	2564.5 2564.5	5101
								01S/04E-29J01 S			2640.0	11/21/72	NM-7		5101
								SAN GORGONIO HYDRO SURUNIT SAN GORGONIO HYDRO SURAREA							X-19.C X-19.C2
								02S/01E-17F01 S 33			3730.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	57.0 52.0 51.0 48.0 74.0 43.0 20.0 18.0 35.0 21.4 19.0 51.0	3673.0 3678.0 3679.0 3682.0 3656.0 3687.0 3710.0 3712.0 3695.0 3708.6 3711.0 3679.0	4829
								02S/01E-17L01 S 33			3696.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	24.0 12.0 11.0 22.0 10.0 8.0 13.0 3.0 3.0 6.0 6.0 3.0	3672.0 3684.0 3685.0 3674.0 3686.0 3688.0 3683.0 3693.0 3693.0 3690.0 3690.0 3693.0	4829
								02S/01E-20M01 S			3395.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	68.0 68.0 66.0 66.0 66.0 66.0 62.0 61.0 61.0 60.0 60.0 57.0	3327.0 3327.0 3329.0 3329.0 3329.0 3329.0 3333.0 3334.0 3334.0 3335.0 3335.0 3338.0	4829
								02S/01E-29F01 S 33			3210.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	117.0 99.0 97.0 92.0 88.0 84.0 65.0 51.0 44.0 45.0 56.0 66.0	3093.0 3111.0 3113.0 3118.0 3122.0 3126.0 3145.0 3159.0 3166.0 3165.0 3154.0 3144.0	4829
								02S/01E-29H01 S 33			3158.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	72.0 63.0 60.0 56.0 52.0 50.0 35.0 23.0 11.0 11.0 17.0 26.0	3086.0 3095.0 3098.0 3102.0 3106.0 3108.0 3123.0 3135.0 3147.0 3147.0 3141.0 3132.0	4829
								02S/01E-33J01 S 33			2750.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	43.0 65.0 65.0 46.0 37.0 48.0 35.0 43.0 22.0 33.0 28.0 18.0	2707.0 2685.0 2685.0 2704.0 2713.0 2702.0 2715.0 2707.0 2728.0 2717.0 2722.0 2732.0	4829
								02S/01E-33J02 S 33			2768.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73	55.0 91.0 89.0 57.0 48.0 47.0 45.0 58.0 29.0 38.0	2713.0 2677.0 2679.0 2711.0 2720.0 2721.0 2723.0 2710.0 2739.0 2730.0	4829

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
WHITEWATER HYDRO UNIT SAN GORGONIO HYDRO SUBUNIT SAN GORGONIO HYDRO SUBAREA							X-19 X-19.C X-19.C2	WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT MISSION CREEK HYDRO SUBAREA							X-19 X-19.D X-19.D2
02S/01E-33J02 S 33			2768.0	8/03/73 9/07/73	30.0 18.0	2738.0 2750.0	4829	02S/03E-25K01 S			2140.0	1/12/73 5/11/73 9/06/73	146.8 148.3 151.2	1993.2 1991.7 1988.8	5135
(CONTINUED)															
02S/01E-33J03 S 33			2770.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	50.0 59.0 59.0 52.0 42.0 42.0 39.0 39.0 25.0 23.0 18.0 15.0	2720.0 2711.0 2711.0 2718.0 2728.0 2728.0 2731.0 2731.0 2745.0 2747.0 2752.0 2755.0	4829	02S/04E-25N01 S			1099.0	1/11/73 4/17/73 5/10/73 9/06/73	342.5 343.5 345.1 345.8	756.5 755.5 753.9 753.2	5135
								02S/04E-27R01 S			1189.0	10/25/72 4/17/73	NM-3 NM-3		5103
								02S/04E-34A01 S			1180.0	1/11/73 5/10/73 9/06/73	417.0 417.0 417.5	763.0 763.0 762.5	5135
02S/01E-33K01 S 33			2804.0	12/14/72 2/23/73 4/27/73 7/06/73	23.7 21.8 21.2 14.3	2780.3 2782.2 2782.8 2789.7	5702	02S/04E-35Q01 S 33			1044.0	1/11/73 5/10/73 9/06/73	288.9 290.9 291.5	755.1 753.1 752.5	5135
03S/01E-07E01 S 33			2521.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	301.0 302.0 301.0 301.0 300.0 301.0 300.0 300.0 302.0 340.0 335.0 303.0	2220.0 2219.0 2220.0 2220.0 2221.0 2220.0 2221.0 2221.0 2219.0 2181.0 2186.0 2218.0	4829	02S/05E-31L01 S 33			984.0	1/12/73 5/03/73	229.1 227.4	754.9 756.6	5135
								03S/04E-02E01 S 33			1010.0	1/05/73 2/21/73 3/13/73 4/17/73 5/11/73 6/18/73 7/17/73 8/17/73 9/20/73	264.3 261.7(3) 261.7(3) 262.0(3) 260.0 260.2 260.8 260.4 260.8	745.7 748.3 748.3 748.0 750.0 749.8 749.2 749.6 749.2	5103
03S/01E-08P01 S			2415.5	12/14/72 2/23/73 4/27/73 7/06/73	409.5 418.6 403.5 405.6	2006.0 1996.9 2012.0 2009.9	5702	03S/04E-10J01 S			869.0	10/25/72 4/17/73	NM-R NM-7		5103
03S/02E-23B01 S 33			1524.0	1/12/73 5/11/73 9/06/73	312.4 312.0 NM-8	1211.6 1212.0	5135	03S/04E-11R02 S 33			912.0	10/25/72 4/17/73	157.0 157.5	755.0 754.5	5103
03S/03E-07M01 S 33			1472.0	1/12/73 5/11/73 9/06/73	320.0 319.8 343.0(1)	1152.0 1152.2 1129.0	5135	03S/04E-12R01 S			885.0	1/22/73 5/22/73 6/18/73	131.5 136.7 131.9	753.5 748.3 753.1	5135
03S/03E-08M01 S			1350.0	11/22/72 12/18/72 1/12/73 4/17/73 5/11/73 6/18/73 9/06/73	NM-1 NM-7 221.8 NM-1 NM-1 NM-1 221.7	1128.2 5135 5103 1128.3 5135		03S/04E-12C01 S			890.0	1/22/73 5/22/73 6/18/73	137.7 138.9 138.2	752.3 751.1 751.8	5135
								03S/04E-12M01 S			842.6	1/22/73 5/31/73 6/18/73	93.7 95.4 94.4	748.9 747.2 748.2	5135
03S/01W-01N01 S			2603.1	12/14/72 2/23/73 4/27/73 7/06/73	357.8 357.0 372.5 375.8	2245.3 2246.1 2230.6 2227.3	5702	03S/04E-13M01 S 33			769.0	4/17/73	41.4	727.6	5103
								03S/05E-06P01 S 33			867.0	10/25/72 11/22/72 12/18/72 1/05/73 2/21/73 3/13/73 4/17/73 5/11/73 6/18/73 7/17/73 8/17/73 9/20/73	118.0 118.1 118.3 118.2 118.4 118.1 118.6 118.8 119.0 119.2 119.7 119.9	749.0 748.9 748.7 748.8 748.6 748.9 748.4 748.2 748.0 747.8 747.3 747.1	5103
COACHELLA HYDRO SUBUNIT GARNET HILL HYDRO SUBAREA							X-19.D X-19.D1								
02S/03E-09H01 S				10/25/72	NM-7		5103	03S/05E-08M02 S 33			820.0	11/22/72 12/18/72 1/05/73 2/21/73 3/13/73 4/17/73 5/11/73 6/18/73 7/17/73 8/17/73 9/20/73	73.0 73.0 73.1 73.2 73.2 76.1 73.9 73.7 73.9 74.3 77.7	747.0 747.0 746.9 746.8 746.8 743.9 746.1 746.3 746.1 745.7 747.3 747.1	5103
02S/03E-09H02 S 33			2613.0	10/25/72 4/18/73	180.1 133.3	2432.9 2479.7	5103								
02S/03E-09J01 S				10/25/72	NM-7		5103								
03S/04E-13N01 S 33			713.0	1/11/73 5/09/73 9/05/73	228.0 231.1 229.1	485.0 481.9 483.9	5135								
03S/04E-17K01 S			901.0	10/25/72 1/11/73 4/17/73 5/09/73 9/05/73	NM-1 343.1 NM-8 341.2 342.7	557.9 5103 558.3 5135		03S/05E-10L02 S 33			925.0	1/09/73 5/10/73 9/06/73	169.0 169.1 169.7	756.0 755.9 755.3	5135
03S/04E-22A01 S 33			711.0	1/11/73 5/09/73	165.2 164.7	545.8 546.3	5135	03S/05E-17G01 S 33			789.0	10/24/72 4/16/73	41.7 41.9	747.3 747.1	5103
03S/04E-23D01 S			714.0	10/25/72 11/22/72 12/18/72 1/05/73 2/21/73 3/13/73 4/17/73 5/11/73 6/18/73 7/17/73 8/17/73 9/20/73	169.5 169.5 169.6 168.3 168.3 168.1 168.1 168.1 168.2 NM-1 NM-1 NM-1	544.5 544.5 544.4 545.7 545.7 545.9 545.9 545.9 545.8	5103	03S/05E-17J01 S 33			787.0	1/22/73 6/15/73	41.2 41.7	745.8 745.3	5135
								03S/05E-17K01 S 33			784.0	1/22/73 6/15/73	34.2 34.7	749.8 749.3	5135
								03S/05E-19R01 S			689.0	1/09/73 5/10/73 9/06/73	-11.3 -8.7 -9.7	700.3 697.7 698.7	5135
03S/05E-30G01 S 33			590.0	1/09/73 5/18/73 9/06/73	200.4 200.0 200.7	389.6 390.0 389.3	5135	03S/05E-22G01 S 33			845.0	10/24/72 4/16/73	101.3 106.6(1)	743.7 738.4	5103

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT MIRACLE HILL HYDRO SUBAREA								WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT THOUSAND PALMS HYDRO SUBAREA							
						X-19 X-19.0 X-19.03								X-19 X-19.0 X-19.06	
02S/05F-30001 S	33		1095.8	10/25/72 4/17/73	96.6 95.0	999.2 1000.8	5103	04S/04F-22J01 S	33		230.0	1/24/73 5/17/73 9/10/73	151.5 151.2 152.4	78.5 78.8 77.6	5135
02S/05E-32E06 S	33		1167.0	1/12/73 5/10/73 9/06/73	55.0 54.2 54.7(4)	1112.0 1112.8 1112.3	5135	04S/06E-22K01 S	33		215.0	1/25/73 5/17/73 9/10/73	134.0 134.4 134.4	81.0 80.6 80.6	5135
02S/05E-33E05 S	33		1240.0	1/11/73 5/10/73 9/06/73	153.4 132.6 133.0	1086.6 1107.4 1107.0	5135	04S/07E-30E01 S	33		161.0	1/23/73 5/16/73	121.8 122.6	39.2 38.4	5135
03S/05E-03L01 S			1165.0	1/09/73 5/10/73 9/05/73	220.3 221.1 220.3	944.7 943.9 944.7	5135	04S/07E-30M01 S	33		150.0	1/23/73 9/10/73	109.9 119.7	40.1 30.3	5135
03S/05E-03R01 S			1055.0	1/09/73 5/10/73 9/05/73	150.3 150.6 150.3	904.7 904.4 904.7	5135	04S/07E-33N01 S	33		55.0	1/23/73 5/16/73 9/14/73	41.4 46.3 49.0	13.6 8.7 6.0	5135
03S/05F-04H01 S	33		1160.0	1/09/73 5/10/73 9/05/73	247.7 247.7 247.4	912.3 912.3 912.6	5135	05S/07E-04A01 S	33		47.0	2/01/73 5/23/73	40.2 44.3	6.8 2.7	5135
03S/05E-04K01 S	33		1074.0	10/24/72 4/16/73	86.1 87.2	987.9 986.8	5103	05S/07E-04N01 S	33		58.0	2/06/73 6/19/73 9/28/73	48.5 56.5 55.6	9.5 1.5 2.4	5135
03S/05E-09C01 S			1020.0	10/24/72	NM-3		5103	INNTD HYDRO SUBAREA							
03S/05F-10P01 S	33		960.0	1/09/73 5/10/73 9/05/73	69.0 69.5 68.8	891.0 890.5 891.2	5135	03S/04E-20N01 S	33		910.0	1/05/73 2/01/73 3/06/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	529.0 532.6 535.5 535.8 545.3 545.5 545.3 545.4 547.1	381.0 377.4 374.5 374.2 364.7 364.5 364.7 364.6 362.4	5135
03S/05E-11J01 S			1101.0	12/18/72 4/16/73	NM-1 NM-1		5103	03S/04F-23M01 S			649.0	1/11/73 5/09/73 9/05/73	237.1 238.4 238.8	411.9 410.4 410.2	5135
03S/05F-11O01 S	33		1075.0	1/09/73 5/10/73 9/05/73	193.7 193.7 192.4	881.3 881.3 882.6	5135	03S/04F-29F01 S	33		863.0	10/06/72 11/03/72 12/08/72 1/05/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	504.1 504.3 505.5 506.1 506.4 507.2 507.4 508.8 504.4 511.5 511.0	358.9 358.7 357.5 356.9 356.6 355.4 355.6 354.2 358.6 351.5 352.0	5135
03S/05E-12P01 S	33		1165.0	1/09/73 5/10/73 9/05/73	305.4 305.8 306.2	859.6 859.2 858.8	5135	03S/04F-29P01 S	33		780.0	10/06/72 11/03/72 12/08/72 1/05/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	505.3 494.1 494.3 495.7 498.0 497.2 497.0 497.5 498.8 499.1 499.2	274.7 285.9 285.7 284.3 282.0 282.8 283.0 282.5 281.2 280.9 280.8	5135
SKY VALLEY HYDRO SUBAREA								X-19.04							
03S/06F-17E01 S	33		1265.0	1/24/73 5/16/73 9/06/73	474.1 474.1 472.8	790.9 790.9 792.2	5135	03S/04E-30C01 S	33		944.0	11/15/72 6/01/73	565.9 570.5	378.1 373.5	5135
03S/06F-21F02 S			1070.0	1/24/73 5/11/73 9/06/73	296.9 299.2 297.2	773.1 770.8 772.8	5135	03S/04E-32R01 S			791.0	1/22/73	506.0	285.0	5135
03S/06F-25O01 S			955.0	1/17/73 5/11/73 9/07/73	233.9 232.4 232.6	721.1 722.6 722.4	5135	04S/04E-01R03 S	33		510.0	1/25/73 5/23/73 9/07/73	322.6 323.5 317.2	187.4 186.5 192.8	5135
03S/06F-26P01 S			960.0	1/17/73 5/11/73 9/07/73	249.2 249.7 248.4	710.8 710.3 711.6	5135	04S/04F-01N02 S	33		500.0	11/14/72 3/05/73 4/05/73 5/02/73 6/02/73 7/02/73 8/02/73 9/03/73	303.8 308.8 311.6 311.8 310.8 359.8(1) 360.8(1) 361.8(1)	196.2 191.2 188.4 188.2 189.2 140.2 139.2 138.2	5135
03S/06E-28A01 S	33		996.0 1000.0 996.0 1000.0	10/24/72 1/17/73 4/16/73 5/11/73 9/06/73	247.8 252.5 248.0 252.6 248.0	748.2 747.5 748.0 747.4 752.0	5103 5135 5103 5135	04S/04E-11K01 S	33		492.9	11/12/72 5/02/73 9/06/73	296.2 300.7 300.3	196.7 192.2 192.8	5135
03S/06E-36P01 S	33		772.0	1/17/73 5/11/73 9/07/73	82.3(1) 4.0 81.7	689.7 768.0 690.3	5135	04S/04E-11O01 S	33		470.0	11/11/72 3/06/73 5/03/73 9/05/73	269.2(1) 272.7(1) 274.9(1) 290.7(1)	200.8 197.3 195.1 179.3	5135
04S/06E-12C01 S			610.0	1/24/73 5/17/73 9/10/73	5.6 5.6 7.4	604.4 604.4 602.6	5135	04S/04F-11R01 S	33		458.0	11/11/72 3/06/73 5/03/73 8/06/73	219.5 226.5 227.5 228.5	238.5 231.5 230.5 229.5	5135
04S/06E-12K01 S			525.0	1/24/73 5/17/73 9/10/73	5.6 6.0 6.4	519.4 519.0 518.6	5135	04S/04E-13M01 S	33		418.0	1/25/73 5/23/73 9/07/73	241.9 242.1 244.7	176.1 175.9 173.3	5135
FARGO CANYON HYDRO SUBAREA								X-19.05							
04S/07E-14E01 S			1100.0	5/16/73 9/13/73	373.9 377.9	726.1 722.1	5135	THOUSAND PALMS HYDRO SUBAREA							
								X-19.06							
04S/06F-08L01 S	33		365.0	1/24/73 5/17/73 9/10/73	281.9 222.2 283.1	83.1 142.8 81.9	5135	04S/06E-17R01 S	33		215.0	1/22/73 6/18/73	128.1 131.9	86.9 83.1	5135
04S/06E-17R01 S	33		215.0	1/22/73 6/18/73	128.1 131.9	86.9 83.1	5135	04S/06E-20A01 S			203.0	1/23/73 5/17/73 9/10/73	117.5 118.1 120.7	85.5 84.9 82.3	5135
04S/06E-20A01 S			203.0	1/23/73 5/17/73 9/10/73	117.5 118.1 120.7	85.5 84.9 82.3	5135	04S/06F-22C01 S	33		217.0	1/22/73 6/18/73	146.3 151.5	70.7 65.5	5135
04S/06F-22C01 S	33		217.0	1/22/73 6/18/73	146.3 151.5	70.7 65.5	5135	04S/06E-22C02 S	33		217.0	1/22/73 6/18/73	141.4 145.2	75.6 71.8	5135

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
04S/04E-14R01 S 33			410.0	10/02/72 3/05/73 4/02/73 9/03/73	261.5(1) 270.5(1) 240.1 279.5(1)	148.5 139.5 169.9 130.5	5135	04S/05F-29R01 C 33			312.0	5/16/77 9/07/77	168.7 170.6	143.3 141.4	5135
04S/04E-15J01 S 33			453.0	1/26/73 5/18/73	264.4 266.8	188.6 186.2	5135	04S/05E-33R01 C 33			302.0	11/13/72	163.0	139.0	5135
04S/04E-23E01 S 33			438.0	3/05/73 4/01/73 9/03/73	259.5 260.5 283.5(1)	178.5 177.5 154.5	5135	04S/05E-35N02 C 33			268.0	1/23/77 5/16/77 9/07/77	158.0 157.5 164.2(4)	110.0 110.5 103.4	5135
04S/04E-26A01 S 33			428.0	10/02/72 3/05/73 5/01/73 9/11/73	291.0(1) 256.0 296.0(1) 296.0(1)	137.0 172.0 132.0 132.0	5135	04S/05F-35G03 C 33			262.0	1/19/77 6/19/77	161.7 164.5	100.3 97.0	5135
04S/04F-35K01 S 33			528.0	1/26/73 5/23/73 9/14/73	354.0 353.8 355.1	174.0 174.2 172.9	5135	04S/05F-35G04 C 33			262.0	1/19/77 6/19/77	162.1 165.0	99.9 97.0	5135
04S/05F-03P01 S			380.0	1/24/73 5/23/73	218.7(1) 215.4	161.3 164.6	5135	04S/05F-36N01 C			320.0	1/23/77 5/21/77 9/07/77	213.6 216.7 216.7	106.4 103.4 103.3	5135
04S/05E-04F01 S			430.0	1/19/73 5/15/73 9/14/73	256.6(4) 255.8 257.4(4)	173.4 174.2 172.6	5135	04S/05F-36M01 C			257.0	1/23/77 6/05/77	149.5 158.2	107.5 98.4	5135
04S/05F-05K01 S			446.0	1/23/73 5/15/73 6/18/73	245.6 246.3 247.3	200.4 199.7 198.7	5135	04S/04F-18N01 C 33			230.0	1/24/77 5/17/77 9/10/77	127.1 127.2 126.2	102.4 102.4 103.4	5135
04S/05F-09R01 S			405.0	1/23/73 5/31/73 6/18/73	229.7 230.5 230.6	175.3 174.5 174.4	5135	04S/04F-18P01 C 33			232.0	1/22/77 6/18/77	126.6 132.0	105.4 100.0	5135
04S/05F-09F01 S			397.0	1/23/73 6/19/73	232.4 232.4	164.6 164.6	5135	04S/04F-18O02 C 33			242.0	1/22/77 6/18/77	139.7 141.4	102.4 100.6	5135
04S/05F-11F01 S 33			327.0	1/24/73 5/23/73 9/20/73	176.3 179.0 178.0	150.7 148.0 149.0	5135	04S/04F-18R01 C 33			240.0	1/22/77 6/18/77	143.1 146.6	96.9 93.4	5135
04S/05E-15P02 S 33			346.0	1/19/73 5/15/73	212.4 207.1	133.6 138.9	5135	04S/04E-19C01 C 33			220.0	1/24/77 5/17/77	119.2 120.8	100.0 99.0	5135
04S/05E-16N02 S 33			360.0	1/23/73 6/19/73	210.4 211.9	149.6 148.1	5135	04S/04F-19J02 C 33			218.0	1/24/77 5/17/77 9/10/77	113.6 115.0 116.6	104.4 103.1 101.4	5135
04S/05F-17L01 S 33			375.0	10/06/72 11/03/72 12/08/72 1/09/73 2/01/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/05/73	204.2 209.5 210.0 210.2 210.6 210.5 210.7 211.4 211.4 211.6 211.8 212.0	165.8 165.5 165.0 164.8 164.4 164.5 164.3 163.6 163.6 163.4 163.2 163.0	5135	04S/04F-27N01 C			165.0	1/26/77 5/21/77 9/11/77	106.1 106.7 114.7	58.9 58.1 50.3	5135
04S/05E-19N01 S 33			393.0	11/10/72 3/05/73 5/05/73	216.2 226.2 219.2	176.8 166.8 173.8	5135	04S/04F-28A02 C 33			175.0	1/26/77 5/22/77 9/11/77	107.7(4) 111.3 111.8	87.3 63.7 63.2	5135
04S/05E-21A01 S			357.0	1/23/73 6/19/73	214.0 215.2	143.0 141.8	5135	04S/04F-28E01 C			177.0	1/26/77	96.8	80.2	5135
04S/05E-21M01 S			356.0	1/23/73 6/19/73	213.2 214.4	142.8 141.6	5135	04S/04E-28J02 C			166.0	1/26/77 5/21/77 9/11/77	98.1 101.4 107.3	87.4 84.8 84.7	5135
04S/05F-21J02 S 33			348.0	1/23/73 5/15/73 6/19/73	203.4 205.0 204.7	144.6 143.0 143.3	5135	04S/04F-29A01 C 33			179.0	1/25/77 5/21/77 9/11/77	98.5 100.3 103.3	80.5 78.7 75.7	5135
04S/05F-22A01 S			347.0	1/19/73 5/15/73 9/07/73	208.4 209.5 210.3	138.6 137.5 136.7	5135	04S/04F-34N01 C 33			160.0	1/25/77 5/21/77	102.3 102.9	87.1 86.1	5135
04S/05E-27E01 S			313.0	1/23/73 5/15/73 6/19/73	177.8 178.5 179.5	135.2 134.5 133.5	5135	04S/04F-34F01 C 33			161.0	1/24/77 5/21/77	87.6 88.0	83.4 83.0	5135
04S/05E-27N01 S			296.0	1/19/73 5/16/73 9/07/73	172.9 169.6 170.2	123.1 126.4 125.8	5135	04S/04F-34K01 C 33			158.0	1/24/77 5/21/77 9/11/77	105.5 106.0 109.8	82.3 82.1 84.2	5135
04S/05F-29A01 S 33			332.0	1/19/73 5/16/73 9/07/73	281.7 283.0 285.2	50.3 49.0 46.8	5135	04S/07E-31O03 C 33			69.4	1/23/77 5/16/77 9/14/77	76.9 77.1 86.3	77.5 77.7 86.3	5135
04S/05E-29F01 S 33			329.0	1/23/73 5/16/73 9/07/73	176.6 178.0 179.4	152.4 151.0 149.6	5135	04S/07F-32N02 C 33			73.3	1/22/77 6/19/77	55.3 66.6	18.0 6.7	5135
04S/05F-29K01 S 33			325.0	1/23/73 5/15/73	175.3 176.6	149.7 148.4	5135	05S/04F-02G01 C			582.0	1/26/77 5/17/77 9/14/77	353.4 347.5 320.2	228.4 234.5 261.4	5135
04S/05E-29R01 S 33			312.0	1/23/73	166.8	145.2	5135	05S/05E-01C01 C 33			244.0	1/25/77 5/17/77 9/12/77	149.6 149.2 154.4	94.4 94.4 89.8	5135
								05S/05F-01D02 C 33			250.8	1/26/77 5/22/77 9/19/77	149.6 151.0 152.8	101.0 99.8 98.0	5135
								05S/05F-01F02 C 33			248.0	1/24/77 5/17/77 9/12/77	151.0 151.8 155.8	97.0 96.2 92.2	5135
								05S/05F-01M03 C 33			246.2	1/24/77 5/17/77 9/12/77	148.8 149.3 157.1	97.4 98.9 89.1	5135
								05S/05E-01O01 C 33			239.0	1/25/77	146.9	92.1	5135

See page 79 for key to terms & abbreviations

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GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
05S/05F-01001 S 33			239.0	5/17/73	147.7	91.3	5135	05S/06E-18R02 S 33			193.0	6/21/73	138.0	55.0	5135
05S/05E-02F02 S 33			252.0	1/19/73 6/20/73	152.3 156.2	99.7 95.8	5135	05S/06E-20P01 S			267.0	2/09/73 3/06/73 6/22/73	208.9 207.0 211.7	58.1 60.0 55.3	5135
05S/05E-02L01 S 33			252.0	1/25/73 5/22/73 9/12/73	153.7 155.0 (4) 158.2	98.3 97.0 93.8	5135	05S/06E-21N01 S 33			248.0	2/08/73 3/22/73 6/22/73	186.8 185.4 187.8	61.2 62.6 60.2	5135
05S/05E-02001 S 33			239.0	1/25/73 5/17/73 9/13/73	149.8 149.0 155.4	89.2 90.0 83.6	5135	05S/06E-22R01 S 33			160.0	1/26/73 5/22/73	115.4 113.5	44.6 46.5	5135
05S/05E-03A01 S 33			260.0	1/19/73 6/21/73	156.7 159.0	103.3 101.0	5135	05S/06E-22N01 S			211.0	2/08/73 6/21/73	154.0 158.4	57.0 52.6	5135
05S/05E-11A01 S			234.0	1/19/73 6/19/73	149.0 153.7	85.0 80.3	5135	05S/06E-22P01 S			198.0	2/08/73 3/22/73 6/21/73	142.0 141.4 141.7	56.0 56.6 56.3	5135
05S/05E-12C01 S 33			261.0	1/19/73 6/19/73	149.7 153.3	111.3 107.7	5135	05S/06E-22P02 S 33			205.0	2/08/73 6/21/73	142.9 143.7	62.1 61.3	5135
05S/05E-12C02 S 33			230.0	1/19/73 6/20/73	146.8 148.7	83.2 81.3	5135	05S/06E-22001 S			175.0	1/26/73 5/22/73 9/18/73	137.4 136.4 140.7	37.6 38.6 34.3	5135
05S/05E-12D01 S 33			239.0	1/25/73 5/17/73 9/13/73	148.5 151.4 153.9	90.5 87.6 85.1	5135	05S/06E-23L03 S 33			144.0	1/26/73 5/22/73 9/18/73	95.8 95.9 98.3	48.2 48.1 45.7	5135
05S/05E-12H01 S 33			222.0	1/25/73 5/17/73 9/13/73	142.4 142.3 143.2 (2)	79.6 79.7 78.8	5135	05S/06E-23M01 S			160.0	2/08/73 5/09/73 6/21/73	107.3 107.6 110.5	52.7 52.4 49.5	5135
05S/05E-12H02 S 33			220.0	1/19/73 6/19/73	144.4 147.6	75.6 72.4	5135	05S/06F-24G01 S 33			108.0	2/07/73 5/09/73 6/20/73	94.6 97.5 95.1	13.4 10.5 12.9	5135
05S/05F-12L02 S 33			240.0	1/19/73 6/20/73	149.6 152.5	90.4 87.5	5135	05S/06E-25A01 S 33			85.0	1/30/73 5/22/73 9/18/73	75.2 74.8 77.8	9.4 8.2 7.2	5135
05S/05E-12001 S 33			235.0	1/19/73 6/21/73	149.5 152.3	85.5 82.7	5135	05S/06E-27B01 S 33			180.0	2/09/73 6/22/73	127.5 129.2	52.5 50.8	5135
05S/05E-13A01 S			225.0	1/19/73 6/20/73	146.1 149.2	78.9 75.8	5135	05S/06E-27C01 S 33			204.0	2/08/73 3/22/73 6/21/73 7/03/73	139.9 134.8 142.4 143.9	64.1 65.2 61.6 60.1	5135
05S/06E-02A01 S			140.0	2/17/73 6/21/73	97.4 102.3	42.6 37.7	5135	05S/06F-27C02 S 33			211.0	2/08/73 4/18/73 6/21/73	149.0 152.0 153.8	62.0 59.0 57.2	5135
05S/06E-02A02 S 33			140.0	2/12/73 6/21/73	102.3 114.2	37.7 25.8	5135	05S/06E-28C01 S			262.0	2/08/73 3/22/73 6/22/73	199.4 199.0 201.9	62.6 63.0 60.1	5135
05S/06E-05001 S 33			245.0	2/12/73 6/20/73	175.7 174.5	69.3 70.5	5135	05S/06E-28C02 S 33			262.0	6/21/73	204.2	57.8	5135
05S/06E-06N01 S			229.0	1/26/73 5/22/73 9/14/73	146.0 147.5 149.7	83.0 81.5 79.3	5135	05S/06E-28F01 S			332.0	1/30/73 5/22/73 9/18/73	263.6 267.3 270.8	68.4 64.7 61.2	5135
05S/06F-06001 S			220.3	2/08/73 6/20/73	144.0 146.8	76.3 73.5	5135	05S/06E-29R01 S 33			310.0	1/30/73 5/22/73 9/18/73	250.3 240.4 254.3	59.7 69.6 55.7	5135
05S/06E-07J01 S 33			210.0	1/26/73 5/24/73 9/14/73	127.9 134.1 137.9	82.1 75.9 72.1	5135	05S/06F-29M01 S 33			405.0	1/15/73 3/06/73 6/22/73	347.0 347.4 346.8	58.0 57.6 58.2	5135
05S/06E-07002 S 33			206.0	2/12/73 6/21/73	133.7 136.9	72.3 69.1	5135	05S/06E-29P01 S 33			454.7	2/09/73 3/06/73 6/22/73	402.0 401.1 404.6	52.7 53.6 50.1	5135
05S/06E-07003 S 33			210.0	2/12/73 6/21/73	135.0 138.5	75.0 71.5	5135	05S/06F-29R01 S 33			395.0	2/08/73 6/22/73	337.4 342.4	57.6 52.6	5135
05S/06E-08L02 S			204.5	1/26/73 5/22/73 9/14/73	130.2 130.5 132.0	74.3 74.0 72.5	5135	05S/06E-32G01 S			455.0	1/30/73 5/22/73 9/18/73	390.9 390.4 395.6	64.1 64.6 59.4	5135
05S/06E-13D01 S 33			178.0	2/07/73 4/18/73 6/20/73	147.5 145.3 145.6	30.5 32.7 32.4	5135	05S/06E-36L01 S 33			53.0	1/30/73 5/22/73 9/18/73	78.5 80.2 80.9	-25.5 -27.2 -27.4	5135
05S/06E-13K01 S 33			160.0	2/07/73 6/11/73	130.6 132.0	29.4 28.0	5135	05S/07E-04M01 S 33			50.0	2/01/73 5/22/73	42.8 45.3	7.2 4.7	5135
05S/06E-14001 S 33			165.0	2/07/73 6/20/73	125.3 125.8	39.7 39.2	5135	05S/07E-06B01 S			92.9	2/01/73 5/23/73	75.1 80.2	17.8 12.7	5135
05S/06E-16A01 S			181.0	2/08/73 6/20/73	127.8 127.0	53.2 54.0	5135	05S/07E-06H01 S 33			83.0	2/01/73 5/23/73	68.8 74.6	14.2 8.4	5135
05S/06E-16H01 S			160.0	2/08/73 6/20/73 7/03/73	103.7 105.8 106.5	56.3 54.2 53.5	5135	05S/07E-07F01 S 33			103.0	2/02/73	86.3	16.7	5135
05S/06E-16M01 S 33			179.0	1/26/73 5/22/73 9/18/73	125.0 123.0 126.8	54.0 56.0 52.2	5135								
05S/06E-18L02 S 33			198.0	2/12/73 6/19/73	137.0 141.0	61.0 57.0	5135								
05S/06E-18R01 S 33			192.0	2/09/73 6/21/73	134.8 137.3	58.2 55.7	5135								
05S/06E-18R02 S 33			193.0	2/09/73	135.5	57.5	5135								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.D X-19.D7	WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.D X-19.D7
05S/07E-07F01 S 33			103.0	5/24/73	86.5	16.5	5135	05S/07E-36G01 S			-32.0	5/24/73	14.9	-46.9	5135
05S/07E-07P01 S 33			97.0	2/06/73 6/20/73 9/28/73	85.4 88.6 89.0	11.6 8.4 8.0	5135	(CONTINUED)				9/18/73	15.2	-47.2	
05S/07E-08G01 S			90.0	2/02/73 5/23/73 9/18/73	81.1 83.9 85.2	8.9 6.1 4.8	5135	05S/07E-36D01 S			-34.0	2/01/73 5/25/73 9/18/73	15.8 16.7 16.1	-49.4 -50.7 -50.1	5135
05S/07E-08P01 S 33			50.0	2/01/73 9/18/73	54.8 60.4	-4.8 -10.4	5135	05S/08E-17N01 S			30.0	1/10/73 5/24/73 9/20/73	71.0 78.2 76.0	-41.0 -48.2 -46.0	5135
05S/07E-09F01 S			44.0	2/01/73 5/23/73 9/19/73	42.9 46.3 50.1	1.1 -2.3 -6.1	5135	05S/08E-20C02 S 33			20.0	1/10/73 5/25/73 9/20/73	66.4 76.9 74.6	-46.4 -56.9 -54.6	5135
05S/07E-10E01 S			28.0	2/01/73 5/25/73 9/14/73	34.7 40.3 42.2	-6.7 -12.3 -14.2	5135	05S/08E-28M01 S			25.0	1/10/73 5/24/73 9/19/73	45.1 45.0 55.1	-20.1 -20.0 -30.1	5135
05S/07E-11C01 S 33			29.0	2/01/73 5/31/73 9/21/73	40.5 45.0 48.0	-11.5 -16.0 -19.0	5135	05S/08E-28M02 S 33			40.0	1/10/73 5/24/73	17.5 19.4	22.5 20.4	5135
05S/07E-12P01 S 33			3.0	2/01/73 5/31/73 9/19/73	25.6 36.3 29.6	-22.6 -33.3 -26.6	5135	05S/08E-29G01 S 33			50.0	1/10/73 5/24/73	14.3 20.4	35.7 29.4	5135
05S/07E-13D01 S			11.0	2/01/73 5/31/73 9/19/73	16.6 22.1 22.1	-5.6 -11.1 -11.1	5135	05S/08E-31J01 S 33			-52.0	1/11/73 5/24/73 9/19/73	9.2 11.2 12.1	-61.2 -63.2 -64.1	5135
05S/07E-14K01 S 33			5.0	2/02/73 5/31/73 9/18/73	18.8 26.5 24.9	-13.8 -21.5 -19.9	5135	05S/08E-32L01 S 33			-64.0	12/15/72 1/02/73	8.3 5.7	-72.3 -64.7	5135
05S/07E-15D01 S 33			5.5	2/02/73 5/31/73 9/18/73	25.1 29.8 30.2	-19.6 -24.3 -24.7	5135	05S/08E-33D01 S 33			60.0	12/15/72 1/02/73 5/29/73 9/19/73	6.2 5.8 7.5 9.8	53.4 54.2 52.5 50.2	5135
05S/07E-16C01 S 33			30.0	2/02/73 5/24/73 9/18/73	43.6 46.2 47.7	-13.6 -16.2 -17.7	5135	05S/08E-34G01 S			25.0	1/11/73	111.0	-86.0	5135
05S/07E-16K02 S			33.0	2/06/73 6/19/73 9/28/73	38.0 40.6 40.5	-5.0 -7.6 -7.5	5135	06S/06E-01G01 S 33			50.0	2/06/73 5/25/73 9/21/73	75.2 79.3 79.1	-25.2 -29.3 -29.1	5135
05S/07E-18D01 S			125.0	2/02/73 9/19/73	111.8 114.7	13.2 10.3	5135	06S/06E-12G01 S 33			90.0	2/08/73 6/06/73 9/21/73	119.3 118.7 125.2	-29.3 -28.7 -35.2	5135
05S/07E-18M02 S 33			120.0	2/06/73 6/20/73 9/28/73	114.7 116.3 117.6	5.3 3.7 2.4	5135	06S/06E-17K01 S 33			975.0	2/08/73 6/05/73 9/20/73	219.5 203.5 234.7 (4)	755.5 771.5 140.1	5135
05S/07E-21F02 S			40.0	2/02/73 5/25/73 9/18/73	43.6 46.7 47.9	-3.6 -6.7 -7.9	5135	06S/07E-01M01 S 33			-45.4	2/06/73 5/25/73 9/21/73	14.4 21.0 25.0 (1)	-61.9 -66.5 -70.2	5135
05S/07E-22M02 S 33			5.0	2/02/73 5/25/73	38.2 42.7	-33.2 -37.7	5135	06S/07E-01P01 S			-50.0	2/06/73 5/25/73 9/21/73	6.6 6.5 7.3	-56.6 -56.5 -57.3	5135
05S/07E-27B01 S 33			16.5	2/05/73 5/25/73	41.8 43.2	-25.3 -26.7	5135	06S/07E-02G01 S 33			-11.2	2/06/73 5/25/73 9/21/73	21.9 24.4 21.3	-35.1 -35.6 -34.5	5135
05S/07E-27B02 S 33			13.5	2/05/73 5/31/73 9/25/73	37.0 38.7 38.7	-23.5 -25.2 -25.2	5135	06S/07E-04D02 S 33			32.0	2/05/73 5/25/73 9/21/73	60.5 62.2 61.4	-28.5 -30.2 -29.4	5135
05S/07E-27L01 S 33			20.0	2/05/73 5/25/73 9/19/73	49.7 56.4 58.8	-29.7 -36.4 -38.8	5135	06S/07E-05B01 S 33			45.0	2/05/73 9/21/73	75.7 84.5	-30.7 -39.5	5135
05S/07E-28F01 S			43.0	2/06/73 6/19/73 9/28/73	61.0 63.0 63.0	-18.0 -20.0 -20.0	5135	06S/07E-07B01 S 33			50.0	2/05/73 5/25/73 9/21/73	70.8 73.2 73.0	-20.4 -23.2 -21.0	5135
05S/07E-30C02 S			75.0	2/05/73 5/31/73 9/18/73	77.0 79.0 81.0	-2.0 -4.0 -6.0	5135	06S/07E-08D02 S			31.0	2/05/73 5/25/73 9/21/73	55.0 58.4 58.0	-24.0 -27.4 -27.0	5135
05S/07E-30F01 S			76.0	6/19/73	78.0	-2.0	5135	06S/07E-09L02 S 33			9.5	2/05/73 5/25/73 9/21/73	37.3 37.8 35.8	-27.8 -28.3 -26.3	5135
05S/07E-30F02 S 33			76.0	2/06/73 6/19/73	76.5 76.5	-0.5 -0.5	5135	06S/07E-10G01 S			-15.0	2/07/73 6/05/73 9/21/73	18.9 18.0 17.6	-33.9 -33.0 -32.6	5135
05S/07E-33D02 S 33			43.0	2/05/73 5/25/73 9/18/73	65.4 71.3 71.9	-22.4 -28.3 -28.9	5135	06S/07E-12F01 S 33			-45.0	2/06/73 5/25/73 9/21/73	7.9 9.0 9.2	-52.9 -54.0 -54.2	5135
05S/07E-33F02 S			40.5	2/05/73 5/25/73	60.5 66.2	-20.0 -25.7	5135	06S/07E-13M02 S 33			-56.0	1/03/73 2/07/73 6/19/73	9.5 8.7 9.9	-65.5 -64.7 -65.9	5135
05S/07E-33M01 S 33			40.0	2/05/73 5/24/73 9/18/73	65.3 72.4 73.4	-25.3 -32.4 -33.4	5135	06S/07E-17P01 S			-5.0	2/06/73 6/05/73 9/21/73	49.5 52.3 50.9	-54.5 -57.3 -55.9	5135
05S/07E-36D01 S			-21.0	2/01/73 5/24/73 9/18/73	16.3 21.6 23.3	-37.3 -42.6 -44.3	5135	06S/07E-22B01 S			-42.0	1/03/73	10.0	-52.0	5135
05S/07E-36G01 S			-32.0	2/01/73	13.4	-45.4	5135								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.D X-19.07	WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
06S/07E-22B01 S (CONTINUED)			-42.0	2/06/73 5/29/73 9/21/73	9.4 10.4 10.0	-51.4 -52.4 -52.0	5135	06S/09E-32A01 S (CONTINUED)	33		20.0	6/15/73 9/25/73	189.8 182.1	-169.8 -162.1	5135
06S/07E-23003 S	33		-52.0	2/06/73 6/05/73 9/21/73	17.6 22.3 22.0	-69.6 -74.3 -74.0	5135	04S/09E-32001 S	33		100.0	2/02/73 6/13/73 9/25/73	50.0 73.9 58.0	40.0 26.1 32.0	5135
06S/07E-23F01 S	33		-55.0	2/06/73 6/05/73 9/21/73	15.9 21.1 20.4	-70.9 -76.1 -75.4	5135	06S/09E-33K01 S	33		25.0	2/02/73 6/13/73 9/25/73	188.5 193.5 195.0	-163.5 -168.5 -170.0	5135
06S/07E-24D01 S				1/03/73	FLOW		5135	07S/07E-01C01 S			-112.0	2/02/73 6/12/73	-8.7 -3.5	-103.3 -108.5	5135
06S/08E-02D01 S	33		9.0	1/30/73 6/13/73 9/25/73	95.7(4) 99.4 98.2	-86.7 -90.4 -89.2	5135	07S/07E-02H01 S			-105.0	2/02/73 6/12/73	-8.0 -3.2	-97.0 -101.8	5135
06S/08E-02F01 S			11.0	1/30/73 6/12/73	108.0 113.0	-97.0 -102.0	5135	07S/07E-03A01 S			-72.0	1/03/73 2/02/73 6/13/73 9/25/73	17.7 16.4 17.9 18.3	-89.7 -88.4 -89.9 -90.3	5135
06S/08E-03C01 S			-69.5	12/15/72 1/02/73 6/12/73 9/20/73	7.5 5.3 18.4 18.0	-77.0 -74.8 -87.9 -87.5	5135	07S/08E-03A01 S			-159.5	2/02/73 6/12/73 9/25/73	-20.6 -11.8 -11.8	-138.9 -147.7 -147.7	5135
06S/08E-05P01 S			-75.0	1/03/73 6/12/73	7.0 8.9	-82.0 -83.9	5135	07S/08E-07R01 S			-90.0	1/05/73 2/02/73 6/12/73 9/25/73	28.9 28.9 29.9 30.4	-118.9 -118.9 -119.9 -120.4	5135
06S/08E-05P01 S	33		-80.5	12/15/72 1/02/73 2/07/73 6/20/73	-0.4 -1.9 -2.1 -8.2	-80.1 -78.6 -78.4 -72.3	5135	07S/08E-08N01 S	33		-92.0	2/02/73 6/12/73	34.3 28.8	-126.3 -120.4	5135
06S/08E-05R02 S	33		-82.2	1/02/73	0.9	-83.1	5135	07S/08E-09W01 S	33		-147.0	2/02/73 6/12/73 9/25/73	-28.4 -25.5 -23.4	-118.6 -121.5 -123.6	5135
06S/08E-06G03 S	33		-62.5	1/31/73 6/12/73 9/20/73	8.0 11.7 10.5	-70.5 -74.2 -73.0	5135	07S/08E-16G01 S				1/05/73	FLOW		5135
06S/08E-09Q04 S	33		-102.0	1/31/73 6/12/73 9/20/73	-8.6 -1.7 -0.8	-93.4 -100.3 -101.2	5135	07S/08E-17A01 S			-115.0	1/05/73 2/02/73 6/12/73 9/25/73	3.7 3.4 6.0 6.7	-118.7 -118.4 -121.0 -121.7	5135
06S/08E-10F01 S	33		-99.0	1/30/73 6/12/73 9/20/73	-6.3 -4.7 -1.5	-92.7 -94.3 -97.5	5135	07S/08E-17F01 S	33		-79.0	2/05/73 6/12/73 9/25/73	38.7 41.2 42.3	-117.7 -120.2 -121.3	5135
06S/08E-17R01 S			-109.5	1/31/73 6/12/73 9/20/73	-9.2 -1.2 -3.0	-100.3 -108.3 -106.5	5135	07S/08E-18C01 S			-73.0	2/02/73 6/12/73 9/25/73	42.6 43.7 44.7	-115.6 -116.7 -117.7	5135
06S/08E-19D01 S			-85.0	1/31/73 6/12/73 9/20/73	-16.1 -13.9 -8.2	-68.9 -71.1 -76.8	5135	07S/08E-18C02 S			-74.0	2/02/73 6/12/73	42.0 42.1	-116.0 -116.1	5135
06S/08E-19D02 S	33		87.0	1/31/73 6/12/73 9/20/73	3.2 9.0 NM-7	83.8 78.0	5135	07S/08E-20R01 S			-20.0	2/05/73 6/12/73 9/26/73	97.4 100.1 106.9	-117.4 -120.1 -126.9	5135
06S/08E-19R01 S			-105.0	1/31/73 6/12/73 9/20/73	-30.6 -28.2 -23.6	-74.4 -76.8 -81.4	5135	07S/08E-20W01 S	33		-22.0	2/05/73 6/13/73 9/26/73	94.1 94.3 97.0	-116.1 -116.3 -119.0	5135
06S/08E-22D02 S	33		-120.0	2/07/73 6/19/73	-16.9 -6.5	-103.1 -113.5	5135	07S/08E-22C01 S				1/05/73	FLOW		5135
06S/08E-22K01 S	33		128.0	1/31/73 6/13/73 9/20/73	-5.0 -3.5 -5.8	133.0 131.5 133.8	5135	07S/08E-22K01 S	33		-124.0	2/06/73 6/14/73 9/26/73	5.2 18.2(4) 18.2	-129.2 -142.2 -142.2	5135
06S/08E-25P01 S	33		-140.0	1/03/73 2/02/73 6/13/73 9/25/73	0.7 3.7 20.0 12.0	-140.7 -143.7 -160.0 -152.0	5135	07S/08E-23N02 S				1/05/73	FLOW		5135
06S/08E-27C01 S			-135.0	1/31/73 6/13/73 9/25/73	-23.0 -15.9 -14.8	-112.0 -119.1 -120.2	5135	07S/08E-23001 S			-180.5	2/06/73 6/13/73 9/26/73	-18.8 -12.9 -12.7	-161.7 -167.6 -167.8	5135
06S/08E-27N01 S	33		-145.5	1/31/73 6/13/73 9/20/73	-15.4 3.7 -0.4	-130.1 -149.2 -145.1	5135	07S/08E-23002 S	33		-171.0	2/05/73 6/13/73	-12.5 -4.9	-158.5 -166.1	5135
06S/08E-30P01 S	33		-99.5	1/31/73 6/13/73 9/21/73	11.8 14.1 15.1	-111.3 -113.6 -114.6	5135	07S/08E-28G01 S	33		-16.5	2/06/73 6/13/73 9/26/73	108.7 110.7 112.0	-125.7 -127.2 -128.5	5135
06S/08E-32R01 S	33		-140.0	1/31/73 6/13/73 9/20/73	-45.1 -42.9 -41.8	-94.9 -97.1 -98.2	5135	07S/08E-33R01 S			21.8	2/01/73 6/13/73	148.3 148.8	-126.5 -127.0	5135
06S/08E-34C01 S	33		-146.0	1/31/73 6/13/73	-16.7 -5.9	-129.3 -140.1	5135	07S/08E-33F01 S			75.0	2/06/73 6/13/73 9/26/73	204.5 206.5 207.4	-129.5 -131.5 -132.4	5135
06S/09E-19L01 S			-38.0	6/13/73 9/25/73	144.1 139.7	-182.1 -177.7	5135	07S/08E-34G01 S			-92.3	1/05/73 2/06/73 6/13/73 9/26/73	38.2 35.2 36.8 39.8	-130.5 -127.5 -129.1 -132.1	5135
06S/09E-30A01 S	33		-51.0	2/02/73 6/13/73 9/25/73	65.3 65.1 60.9	-116.3 -116.1 -111.9	5135	07S/08E-34K01 S			-84.7 -88.0	1/05/73 2/06/73 6/13/73	46.7 43.1 38.9	-131.4 -131.1 -126.9	5135
06S/09E-32A01 S	33		20.0	2/02/73	182.7	-162.7	5135	07S/08E-35B01 S			-163.0	1/05/73	-32.7	-130.3	5135
								07S/08E-35K01 S			-161.1	1/05/73	-27.2	-133.9	5135

See page 79 for key to terms & abbreviations

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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
07S/08F-35K01 S (CONTINUED)			-161.0	2/06/73 6/13/73	-27.8 -21.3	-133.2 -139.7	5135	08S/09E-31R01 S			-17.8	2/07/73 6/16/73 9/28/73	154.2 155.5 155.7	-172.0 -173.3 -173.3	5135
07S/09E-03N01 S			31.0	2/06/73 6/15/73 9/27/73	207.0 202.6 205.1	-176.0 -171.6 -174.1	5135	08S/09E-31P02 S 33			-18.5	2/07/73 6/16/73 9/28/73	151.8 153.4 153.4	-170.1 -171.4 -171.4	5135
07S/09E-04C01 S 33			-42.0	2/06/73 6/15/73 9/27/73	123.5 124.0 132.3	-165.5 -176.0 -174.3	5135	08S/09F-33N01 S 33			-133.4	2/08/73 6/14/73 9/26/73	31.3 32.6 39.0	-164.4 -166.7 -170.0	5135
07S/09F-04K01 S 33			-65.0	2/07/73 6/15/73 9/27/73	107.2 122.8 NM-1	-172.2 -187.8	5135								
07S/09F-05M01 S 33			-152.0 -152.5	1/04/73 2/06/73 6/13/73 9/27/73	12.6 27.8 27.5 52.8(2)	-164.6 -180.3 -180.0 -205.3	5135								
07S/09F-07H02 S 33			-188.0	2/06/73	-15.8	-172.2	5135								
07S/09E-08P01 S 33			-180.0	2/06/73 6/15/73	0.4 9.9	-180.4 -189.9	5135								
07S/09F-13N01 S			-101.0	2/07/73 6/13/73 9/27/73	44.1 45.7 44.9	-145.1 -146.7 -145.9	5135								
07S/09E-16M02 S			-186.0	2/06/73 6/13/73 9/27/73	1.0 7.0 12.5	-187.0 -193.0 -198.5	5135								
07S/09E-17C01 S				1/04/73	NM-1		5135								
07S/09F-17K01 S 33			-195.0	2/07/73 6/16/73 9/28/73	-13.5 -11.1 -0.5	-181.5 -183.9 -194.5	5135								
07S/09F-22G02 S 33			-173.0	6/15/73 9/27/73	24.9 30.1	-197.9 -203.1	5135								
07S/09F-23N01 S			-187.7	2/07/73 6/18/73 9/28/73	13.2 15.8 21.0	-200.9 -203.5 -208.7	5135								
07S/09E-26G02 S 33			-205.0	2/07/73	-14.8	-190.2	5135								
07S/09F-30M01 S			-213.0	2/07/73 6/15/73 9/27/73	-26.8 -21.3 -6.0	-186.2 -191.7 -207.0	5135								
07S/10F-20R01 S			-135.0	2/07/73	DMY		5135								
07S/10E-27A01 S 33			34.0	2/07/73 6/15/73 9/27/73	52.6 52.6 52.6	-18.6 -18.6 -18.6	5135								
07S/10F-30G01 S				1/04/73	FLDM		5135								
08S/08F-03R01 S 33			-95.1	2/07/73 6/14/73 9/26/73	12.7 NM-R NM-R	-107.8	5135								
08S/08F-03L01 S 33			-59.5	2/07/73 6/14/73 9/26/73	70.4 74.6 76.1	-129.9 -134.1 -135.6	5135								
08S/08F-11A04 S			-157.0	2/07/73 6/14/73	-12.0 -6.1	-145.0 -150.9	5135								
08S/08F-11R01 S 33			-149.2	1/05/73	-7.7	-141.5	5135								
08S/08F-11M01 S 33			-166.0	1/05/73 2/07/73 6/14/73 9/26/73	-17.2 -17.8 -12.9 -9.4	-148.8 -148.2 -153.1 -156.6	5135								
08S/08F-24A01 S 33			-155.2	2/07/73 6/14/73 9/26/73	1.4 5.6 7.6	-156.6 -160.8 -162.8	5135								
08S/08F-24A02 S 33			154.0	2/07/73 6/14/73	3.2 6.4	150.8 147.6	5135								
08S/08E-24J01 S 33			-148.1	2/07/73 6/15/73 9/26/73	11.3 15.6 18.8	-159.4 -163.7 -166.9	5135								
08S/08F-24L01 S 33			-110.8	2/08/73 6/15/73 9/26/73	43.4 46.6 49.5	-154.2 -157.4 -160.3	5135								
08S/09F-29A01 S 33			-192.1	1/08/73	-14.9	-177.2	5135								
08S/09E-30A01 S 33			-152.3	2/08/73 6/15/73 9/26/73	12.8 14.3 15.5	-165.1 -166.6 -167.8	5135								
08S/09E-31R01 S			-6.0	2/07/73 6/16/73 9/28/73	177.0 177.0 179.6	-183.0 -183.0 -185.6	5135								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
ANZA-BORREGO HYDRO UNIT						X-22		EAST SALTON SFA HYDRO UNIT							X-25
BORRFGO HYDRO SUBUNIT						X-22.A									
BORREGO HYDRO SUBAREA						X-22.A3		07S/10F-35G01 S			-66.0	2/07/73	89.2	-155.2	5135
10S/06E-21A01 S 37			640.0	12/20/72	166.4	473.6	5050					6/15/73	89.2	-155.2	
				3/16/73	166.3	473.7						9/27/73	89.7	-155.7	
				6/21/73	168.2	471.8									
				9/25/73	167.4	472.6									



## SOUTHERN CALIFORNIA

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA		
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA								Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA								Y-01 Y-01.A Y-01.A1
04S/10W-18K01 S 30			100.0	10/01/72	105.2	-5.2	4210	04S/10W-23H01 S 30 (CONTINUED)			163.0	1/05/73	124.9	38.1	5102		
				11/01/72	101.6	-1.6						3/05/73	124.0	37.0			
				12/01/72	98.3	1.7						5/10/73	120.5	42.5			
				1/01/73	97.1	2.9						7/06/73	124.1	38.9			
				2/01/73	95.5	4.5						9/12/73	122.6	40.4			
				3/01/73	94.0	6.0		04S/10W-24R03 S 30			172.0	11/02/72	146.2	25.8	5102		
				4/01/73	91.0	9.0						1/05/73	146.4	25.6			
				5/01/73	101.2	-1.2						3/05/73	133.4	38.6			
				6/01/73	105.0	-5.0		04S/10W-25F01 S 30			144.5	10/03/72	114.0	30.5	5102		
				7/01/73	106.5	-6.5						1/05/73	115.8	28.7			
				8/01/73	106.5	-6.5						3/05/73	114.5	30.0			
				9/01/73	108.6	-8.6						5/10/73	113.0	31.5			
04S/10W-18P01 S 30			92.0	10/01/72	81.4	10.6	4210					7/06/73	123.8	20.7			
				11/01/72	81.2	10.8						9/12/73	136.0	8.5			
				12/01/72	76.2	15.8		04S/10W-25F01 S 30			145.0	10/01/72	113.3	31.7	4210		
				1/01/73	75.9	16.1						11/01/72	116.2	28.8			
				2/01/73	74.8	17.2						12/01/72	118.2	26.8			
				3/01/73	70.9	21.1						1/01/73	113.4	31.6			
				4/01/73	67.4	24.6						2/01/73	131.3	13.7			
				5/01/73	64.9	27.1						3/01/73	94.7	50.3			
				6/01/73	84.5	7.5						4/01/73	95.1	49.9			
				7/01/73	86.2	5.8						5/01/73	134.9	10.1			
				8/01/73	87.2	4.8						6/01/73	133.9	11.1			
				9/01/73	84.2	7.8						7/01/73	134.2	10.8			
04S/10W-19G02 S 30			93.0	10/31/72	76.8	16.2	5102					8/01/73	133.5	11.5			
				1/04/73	78.3	14.7		04S/10W-26C01 S			139.4	11/02/72	110.3	29.1	5102		
				3/01/73	75.5	17.5						1/05/73	117.3	22.3			
				5/09/73	77.6	15.4						3/05/73	117.0	22.6			
				7/03/73	81.6	11.4						5/10/73	109.6	30.0			
04S/10W-19R01 S 30			92.1	10/01/72	98.3	-6.2	4210					9/12/73	123.8	15.8			
				11/01/72	97.8	-5.7		04S/10W-31R02 S 30			80.0	10/31/72	64.4	15.6	5102		
				12/01/72	95.4	-3.3						1/04/73	62.2	17.8			
				1/01/73	94.9	-2.8						5/09/73	66.4	13.6			
				2/01/73	93.6	-1.5						7/03/73	69.5	10.5			
				3/01/73	92.7	-0.6		04S/10W-34R03 S 30			95.9	11/02/72	71.5	24.4	5102		
				4/01/73	90.6	1.5						1/04/73	47.7	48.2			
				5/01/73	92.7	-0.6						3/05/73	-2.6	94.5			
				6/01/73	92.7	-0.6						5/10/73	10.0	85.9			
				7/01/73	93.6	-1.5						7/06/73	55.8	40.1			
				8/01/73	95.2	-3.1						9/12/73	75.7	20.2			
				9/01/73	94.7	-2.6		04S/10W-35K01 S 30			121.0	11/02/72	102.8	18.2	5102		
04S/10W-20N01 S 30			98.0	10/01/72	92.7	5.3	4210					1/05/73	103.3	17.7			
				11/01/72	78.1	19.9		04S/11W-24A01 S 30			82.5	10/01/72	90.2	-7.7	4210		
				12/01/72	76.8	21.2						11/01/72	87.5	-5.0			
				1/01/73	76.4	21.6						12/01/72	84.7	-2.2			
				2/01/73	74.8	23.2						1/01/73	83.2	-0.7			
				3/01/73	76.0	22.0						2/01/73	82.5	0.0			
				4/01/73	76.2	21.8						3/01/73	80.3	2.2			
				5/01/73	78.2	19.8						4/01/73	77.2	5.1			
				6/01/73	78.3	19.7						5/01/73	88.1	-5.6			
				7/01/73	79.1	18.9						6/01/73	91.6	-4.1			
				8/01/73	80.5	17.5						7/01/73	92.9	-10.4			
				9/01/73	83.5	14.5						8/01/73	91.9	-9.4			
04S/10W-20N02 S 30			100.0	10/01/72	79.2	20.8	4210					9/01/73	83.2	-0.7			
				11/01/72	78.7	21.3		04S/11W-24A03 S 30			81.5	10/31/72	56.2	25.3	5102		
				12/01/72	80.1	19.9						1/04/73	59.2	22.3			
				1/01/73	77.6	22.4						7/01/73	61.8	19.7			
				2/01/73	74.9	25.1						9/06/73	61.7	19.8			
				3/01/73	78.9	21.1		04S/11W-24M01 S			71.0	10/31/72	95.0	-24.0	5102		
				4/01/73	77.7	22.3						1/04/73	38.7	21.1	5102		
				5/01/73	81.2	18.8						3/01/73	38.3	21.5			
				6/01/73	81.1	18.9						5/09/73	38.5	21.3			
				7/01/73	78.8	21.2						7/01/73	40.4	19.4			
				8/01/73	83.0	17.0						9/06/73	43.2	16.4			
				9/01/73	84.4	15.6						9/06/73	44.5	15.3			
04S/10W-21F01 S 30			118.0	1/04/73	102.1	15.9	5102	04S/11W-26R01 S			59.8	10/31/72	38.7	21.1	5102		
				5/09/73	109.1	8.9						1/04/73	38.3	21.5			
04S/10W-21L01 S 30			123.6	10/01/72	128.1	-4.5	4210					3/01/73	38.5	21.3			
				11/01/72	126.3	-2.7						5/09/73	40.4	19.4			
				12/01/72	122.6	1.0						7/01/73	43.2	16.4			
				1/01/73	121.0	2.6						9/06/73	44.5	15.3			
				2/01/73	121.2	2.4		04S/11W-26J01 S			66.0	10/31/72	70.7	-4.7	5102		
				3/01/73	118.4	5.2						1/04/73	71.7	-5.7			
				4/01/73	113.5	10.1						3/01/73	71.7	-5.7			
				5/01/73	125.4	-1.8						5/09/73	71.0	-5.0			
				6/01/73	126.7	-3.1						7/03/73	72.5	-11.5			
				7/01/73	137.3	-13.7		04S/11W-35R01 S			55.4	10/31/72	47.7	7.7	5102		
				8/01/73	130.0	-6.4						1/04/73	48.2	7.2			
				9/01/73	132.0	-8.4						3/01/73	46.1	9.3			
04S/10W-23R02 S 30			165.0	10/01/72	139.4	25.6	4210					5/09/73	47.5	7.9			
				11/01/72	140.6	24.4						9/06/73	56.4	-1.0			
				12/01/72	139.2	25.8		05S/08W-19H01 S			254.3	11/02/72	150.0	104.3	5102		
				1/01/73	136.3	28.7						1/11/73	146.9	107.4			
				2/01/73	131.0	34.0						3/05/73	143.5	110.8			
				3/01/73	128.0	37.0						5/10/73	140.7	113.6			
				4/01/73	128.0	37.0						7/09/73	143.2	111.1			
				5/01/73	131.8	33.2						8/24/73	145.0	109.3			
				6/01/73	133.4	31.6		05S/08W-29P01 S			264.5	11/02/72	174.8	91.7	5102		
				7/01/73	138.3	26.7						1/11/73	170.5	96.0			
				8/01/73	133.0	32.0						3/05/73	167.3	99.2			
				9/01/73	145.3	19.7						5/10/73	165.5	101.0			
04S/10W-23H01 S III			163.0	11/02/72	125.2	37.8	5102					7/09/73	165.1	101.4			

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT FAST COASTAL PLAIN HYDRO SUBAREA							
							Y-01 Y-01.A Y-01.A1								Y-01 Y-01.A Y-01.A1
055/08W-31K01 S 30			219.7	11/15/72 3/19/73	181.5 144.0	38.2 75.7	4709	055/09W-31M02 S 30 (CONTINUED)			34.7	1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	36.0 29.9(3) 35.9 50.6 44.7	-1.7 4.4 -1.6 -16.3 -10.4	5102
055/08W-33A01 S			439.0	11/06/72 3/12/73	54.2 14.2	384.8 424.8	4709	055/09W-33N01 S 30			40.0	10/09/72 11/06/72 1/08/73 2/05/73 4/23/73 5/21/73 7/23/73 9/25/73	30.2 28.5 35.4 22.1 21.4 22.2 23.5 23.7	9.8 11.5 4.6 17.4 18.6 17.8 16.5 16.3	5102
055/09W-04C01 S 30			203.0	3/05/73 7/06/73 9/12/73	185.2 204.7 215.3	17.8 -1.7 -12.3	5102	055/09W-34J01 S 30			67.9	11/08/72 3/05/73 7/09/73	82.0 7.0 103.7	-14.1 60.9 -35.8	4709 5102
055/09W-08R02 S 30			171.0	3/05/73 7/06/73	171.1 174.4(4)	-0.1 -3.4	5102	055/09W-34Q01 S 30			69.7	11/18/72 3/21/73	70.3 33.0	-0.6 36.7	4709
055/09W-10G01 S 30			180.4	1/05/73 3/05/73 5/10/73 9/12/73	165.1 160.1 161.8 172.3	15.3 20.3 18.6 8.1	5102	055/09W-35J01 S 30			99.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	91.3 63.0 48.2 66.5 122.7 102.7	7.7 36.0 50.8 32.5 -23.7 -3.1	5102
055/09W-14Q01 S 30			123.1	11/12/72 3/21/73	95.0 74.0	28.1 49.1	4709	055/09W-36R01 S 30			157.6	11/18/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	115.0 99.1 90.0 95.1 109.0 114.0	42.0 57.4 67.0 61.4 48.0 41.6	4709 5102
055/09W-15J01 S 30			107.3	11/24/72 3/21/73	112.0 78.0	-4.7 29.3	4709	055/09W-36K01 S 30			147.6	10/17/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	102.5 78.3 74.4 73.4 96.6 97.5	45.1 69.3 74.2 67.4 51.1 50.1	5102
055/09W-15R03 S 30			96.7	11/02/72 1/05/73 3/05/73 5/10/73 7/06/73 9/12/73	25.5 25.0 23.2 23.2 24.2 28.8	71.2 71.7 73.5 73.5 72.5 67.9	5102	055/09W-36Q01 S 30			158.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	112.2 94.0 99.9 91.3 109.3 109.9	45.8 64.0 68.1 68.7 48.7 48.1	5102
055/09W-16R02 S 30			127.0	3/05/73 5/10/73 9/12/73	131.6 127.3 157.7	-4.6 -0.3 -30.7	5102	055/10W-02R02 S 30			114.0	9/12/73	90.0	24.0	5102
055/09W-21R01 S 30			94.0	11/02/72 1/11/73 3/05/73 7/09/73 8/24/73	103.1 84.1 81.3 108.9 114.4	-9.1 9.9 12.7 -14.9 -20.4	5102	055/10W-09N04 S 30			67.8	11/06/72 1/13/73 5/11/73 7/10/73 9/13/73	56.4 58.3 58.2 60.8 60.8	11.2 12.5 4.6 7.2 7.0	5102
055/09W-21P02 S 30			74.5	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	20.2 20.2 19.0 19.7 20.7 20.9	54.3 54.3 55.5 54.8 53.8 53.6	5102	055/10W-09P01 S 30			74.2	10/04/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	54.5 49.0 51.9 51.7 57.7 58.0	19.7 25.2 22.4 16.7 16.2 16.2	5102
055/09W-22A02 S 30			86.8	11/24/72 3/21/73	70.0 52.0	16.8 34.8	4709	055/10W-10A05 S 30			96.2	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	66.1 63.7 67.2 70.9 69.3 70.4	30.1 32.5 28.1 26.3 26.4 26.4	5102
055/09W-22Q01 S 30			67.0	11/24/72 3/21/73	55.0 36.0	12.0 31.0	4709	055/10W-10N04 S 30			84.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	55.0 52.4 56.8 66.3 66.0 61.3	29.0 31.6 27.2 17.7 14.0 22.7	5102
055/09W-23A01 S 30			118.7	11/09/72 3/21/73	98.0 67.0	20.7 51.7	4709	055/10W-20H03 S 30			47.5	1/11/73 3/13/73 5/11/73 7/10/73	38.6 37.1 47.3 51.5	4.9 10.4 0.2 -4.0	5102
055/09W-23N01 S 30			77.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	69.7 42.7 39.0 39.7 37.3 67.2	7.3 34.3 38.0 37.3 9.8	5102	055/10W-23C01 S			61.4	10/04/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	39.8 38.3 37.1 39.6 41.9 42.8	21.6 23.1 24.3 21.8 19.5 18.6	5102
055/09W-25F01 S 30			109.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73	79.6 68.8 49.6 48.9 83.1	29.4 40.2 59.4 60.1 25.9	5102	055/10W-26N02 S 30			44.5	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	52.6 49.2 43.2 50.4 55.6 53.4	-4.1 -4.7 1.3 -5.9 -11.1 -8.9	5102
055/09W-28F01 S			57.0	11/24/72	67.0	-10.0	4709	055/10W-26R02 S 30			37.2	11/06/72 1/11/73 3/13/73 5/11/73	14.7 12.0 8.3 12.6	22.5 25.2 28.9 28.6	5102
055/09W-29M01 S 30			52.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	53.2 46.6 43.2 48.8 55.2 55.3	-1.2 5.4 8.8 3.2 -3.2 -3.3	5102								
055/09W-30F01 S 30			53.7	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	21.2 21.8 20.8 22.0 23.5 23.8	32.5 31.9 32.9 31.7 30.2 29.9	5102								
055/09W-30F02 S 30			53.8	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	51.6 48.7 46.3 44.9 51.9 53.6	2.2 5.1 7.5 8.9 1.9 0.2	5102								
055/09W-31A02 S 30			39.4	11/02/72 1/11/73 3/05/73 5/10/73	44.8 37.5 11.2 32.9	-5.4 1.9 28.2 6.5	5102								
055/09W-31B01 S 30			40.4	11/22/72 3/21/73	68.0 37.0	-27.6 3.4	4709								
055/09W-31M02 S			34.3	11/02/72	79.3	-5.0	5102								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1
055/10W-26R02 S 30 (CONTINUED)			37.2	7/10/73 9/13/73	15.0 16.6	22.2 20.6	5102	06S/09W-14L01 S (CONTINUED)			490.0	2/05/77 5/21/73 9/25/77	20.1 16.5 19.3	469.9 473.5 470.7	5102
055/10W-28R01 S 30			45.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	44.0 38.8 36.2 43.4 49.3 43.6	1.0 6.2 8.8 1.6 -4.3 1.4	5102	06S/09W-01L01 S 30			142.4	11/15/72 3/19/77	107.0 71.5	35.4 70.4	4709
055/10W-31D04 S 30			20.0	1/10/73 3/13/73 5/11/73 9/12/73	24.3 19.6 26.5 27.9	-4.3 0.4 -6.5 -7.9	5102	06S/09W-01P02 S			138.2	7/09/73 8/24/77	NM-7 NM-7		5102
055/10W-32P02 S 30			20.0	10/04/72 5/11/73 7/10/73 9/13/73	0.7 0.7 1.6 2.3	19.3 19.3 18.4 17.7	5102	06S/09W-02A04 S 30			101.7	11/15/72 3/19/73	86.4 42.5	15.3 59.2	4709
055/11W-03A01 S 30			46.0	1/10/73 3/13/73 5/11/73 7/09/73 9/12/73	45.8 46.9 63.6 65.5 63.4	0.2 -0.9 -17.6 -19.5 -17.4	5102	06S/09W-02D01 S 30			86.0	11/20/72 1/11/73 3/05/73 5/10/77 8/23/77	74.7 56.0 39.0 66.0(1) 100.1	9.3 28.0 45.0 18.0 -16.1	4709 5102
055/11W-04A01 S 30			32.0	10/04/72 1/10/73 3/13/73 5/11/73 7/09/73 9/12/73	52.4 44.8 45.1 48.9 51.7 62.3	-20.4 -12.8 -13.1 -16.9 -19.7 -30.3	5102	06S/09W-03R01 S 30			96.0	11/02/72 1/11/73 3/05/73 5/10/77 7/09/73 8/24/77	29.2 30.2 29.8 29.3 29.4 29.1	66.8 65.8 66.2 66.7 66.6 66.4	5102
055/11W-07C01 S 30			10.0	1/10/73	33.1	-23.1	5102	06S/09W-04L01 S 30			48.3	11/29/72 3/21/77	52.0 40.0	-3.7 6.3	4709
055/11W-07C02 S 30			10.0	11/03/72 1/10/73 3/13/73 7/09/73	50.3 33.9 30.2 49.3	-40.3 -23.9 -20.2 -39.3	5102	06S/09W-08L01 S			10.0	11/08/72 3/21/77	12.0 0.0	-2.0 10.0	4709
055/11W-08J02 S 30			17.0	1/10/73 3/13/73 5/11/73 7/09/73	31.5 27.9 37.5 38.8	-14.5 -10.9 -20.5 -21.8	5102	06S/09W-12K01 S			146.0	11/02/72 1/11/73 3/05/73 5/10/77 7/09/73 8/24/77	59.3 57.0 54.5 52.2 53.4 56.6	86.7 89.0 91.5 93.4 92.6 89.4	5102
055/11W-12F03 S 30			41.0	11/03/72 3/13/73 5/11/73 9/12/73	29.7 30.7 31.2 35.0	11.3 10.3 9.8 6.0	5102	06S/09W-18F01 S			20.0	11/06/72 1/11/77 3/13/77 5/11/77 7/10/77 9/13/77	14.2 13.0 11.8 11.7 12.4 12.4	4.2 7.0 8.2 8.3 7.6 7.6	5102
055/11W-12L01 S 30			42.0	10/04/72 1/10/73 3/13/73 5/11/73	37.2 26.0 39.4 36.1	4.8 16.0 2.6 5.9	5102	06S/09W-18F02 S 30			18.0	11/06/72 1/11/77 3/13/77 5/11/77 7/10/77 9/13/77	14.7 12.3 11.2 11.0 12.5 12.6	3.3 5.7 6.8 7.0 5.5 5.4	5102
055/11W-13A02 S			42.0	1/10/73 3/13/73 5/11/73	45.0 42.3 42.0	-3.0 -0.3 0.0	5102	06S/10W-01F02 S 30			35.0	10/04/72 1/11/77 3/13/77 5/11/77 7/10/77 9/13/77	43.8 30.6 27.3 33.4 38.4 39.3	-4.4 4.4 7.7 1.6 -3.4 -4.3	5102
055/11W-16R02 S 30			14.0	1/10/73 3/13/73	33.2 27.9	-19.2 -13.9	5102	06S/10W-01F05 S			35.0	11/06/72 3/13/73 5/11/73 7/10/77 9/13/77	44.0 32.3 32.3 39.2 39.6	-9.0 2.7 2.7 -4.2 -4.6	5102
055/11W-24A05 S			35.0	11/03/72 5/11/73 9/12/73	NM-1 NM-1 NM-1		5102	06S/10W-02G01 S			37.5	11/06/72 1/11/73 3/13/77 5/11/77 7/10/77 9/13/77	47.4 43.8 40.7 50.1(1) 51.1 50.9	-9.9 -6.3 -3.2 -12.6 -13.6 -13.4	5102
055/11W-24N02 S 30			25.0	1/10/73	40.9	-15.9	5102	06S/10W-04O02 S			60.0	11/06/72 1/11/73 3/13/73 5/11/77 7/10/77 9/13/77	64.0 63.1 62.1 63.0 64.1 62.4	-4.0 -3.1 -2.1 -3.0 -4.1 -2.4	5102
055/11W-29R08 S 30			36.0	11/03/72 1/10/73 3/13/73 5/11/73 9/12/73	47.5 47.3 45.9 46.7 49.8	-11.5 -11.3 -9.9 -10.7 -13.8	5102	06S/10W-05R03 S 30			18.4	11/06/72 1/11/77 3/13/77 5/11/77 7/10/77 9/13/77	28.6 27.8 27.3 29.3 35.7(1)	-10.2 -9.4 -4.9 -10.9 -17.3	5102
055/11W-29C01 S 30			47.0	11/03/72 1/10/73 3/13/73 5/11/73	85.3 86.4 86.9 85.4	-38.3 -39.4 -39.9 -38.4	5102	06S/10W-05R05 S 30			20.0	11/06/72 1/11/73 3/13/73 5/11/77 7/10/77 9/13/77	27.6 27.5 21.8 28.2 32.9 30.1	-7.6 -7.5 -1.4 -8.2 -12.9 -10.1	5102
06S/08W-05F02 S 30			285.4	11/13/72 3/12/73	225.0 206.0	60.4 79.4	4709	06S/10W-11G01 S 30			52.0	11/06/72 1/11/73 3/13/73 5/11/77 7/16/77 9/13/77	58.4 56.1 51.1 54.1 61.1 59.2	-6.4 -6.1 0.9 -2.1 -9.1 -7.2	5102
06S/08W-06J01 S			238.9	11/13/72 3/12/73	180.0 155.0	58.9 83.9	4709	06S/10W-13F01 S			11.4	11/06/72 1/11/77	9.7 9.5	1.7 1.9	5102
06S/08W-06P01 S			203.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	129.7 122.3 118.8 120.0 126.8 125.7	73.3 80.7 84.2 83.0 76.2 77.3	5102								
06S/08W-07F01 S 30			177.0	11/02/72 1/11/73 3/05/73 8/24/73	127.5 109.6 98.8 115.9	49.5 67.4 78.2 61.1	5102								
06S/08W-08H01 S 30			244.1	11/06/72 3/12/73	190.0 165.0	54.1 79.1	4709								
06S/08W-14L01 S			490.0	10/09/72 1/08/73	21.9 19.7	468.1 470.3	5102								

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT SANTA ANA NARROWS HYDRO SUBAREA							Y-01 Y-01.A Y-01.A3
06S/10W-13F01 S (CONTINUED)			11.4	3/13/73 5/11/73 7/10/73 9/13/73	8.9 9.0 9.3 9.7	2.5 2.4 2.1 1.7	5102	03S/08W-29001 S 33 (CONTINUED)			339.0	11/22/72 12/20/72 1/23/73 2/23/73 3/22/73 4/26/73 5/08/73 6/27/73 7/27/73 8/23/73 9/25/73	12.9 11.9 11.3 11.7 11.2 11.8 17.3 16.2 17.1 16.7 13.6	326.1 327.1 327.7 327.3 327.8 327.2 321.7 322.8 321.9 322.3 325.4	4715
06S/10W-13K01 S			19.0	11/06/72 3/13/73 5/11/73 7/10/73 9/13/73	16.9 15.1 15.4 16.3 16.3	2.1 3.9 3.6 2.7 2.7	5102								
06S/11W-01P02 S 30			14.0	11/06/72 1/11/73 3/13/73 7/10/73	37.5 36.1 26.6 34.0	-23.5 -22.1 -12.6 -20.0	5102	03S/08W-29002 S 33			339.0	10/28/72 11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	13.8 12.6 12.6 12.1 11.8 11.8 12.6 15.7 16.2 16.8 17.3	324.2 325.4 325.4 325.9 326.2 326.2 325.4 322.3 321.8 321.2 320.7	4715
SANTIAGO HYDRO SUBAREA							Y-01.A2								
05S/07W-19R01 S 30			1140.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	35.5 35.1 23.2 17.9 11.4 13.2 15.0 24.1 31.5	1104.5 1104.9 1116.8 1122.1 1128.6 1126.8 1125.0 1115.9 1108.5	5102								
05S/07W-19R01 S 30			1200.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	29.0 30.0 17.0 15.0 12.3 12.2 13.4 17.7 19.7	1171.0 1170.0 1183.0 1185.0 1187.7 1187.8 1186.6 1182.3 1180.3	5102	03S/08W-30N01 S 33			329.7	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	40.0 28.3 27.5 27.3 27.3 29.6	284.7 301.4 302.7 302.4 302.4 300.1	5102
05S/07W-29F01 S 30			1245.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	14.7 14.3 12.0 10.9 8.7 10.0 10.8 12.2 13.1	1230.3 1230.7 1233.0 1234.1 1236.3 1235.0 1234.2 1232.8 1231.9	5102	03S/08W-30N01 S 33			350.0	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	57.0 45.2 43.9 44.1 47.1 47.4	293.0 304.8 306.1 305.4 302.4 302.5	5102
05S/08W-01N01 S 30			905.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	35.4 42.6 65.8 32.0 27.8 27.5(1) 27.3 27.4 32.6	869.6 862.4 839.2 873.0 877.2 877.5 877.7 877.6 872.4	5102	03S/08W-30R01 S 33			327.7	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	19.1 14.3 13.8 15.0 17.2 17.8	307.4 312.7 311.7 312.0 309.8 309.2	5102
								03S/08W-31N01 S 33			327.4	12/26/72 2/23/73 6/29/73	21.9 20.4 25.4(2)	305.1 306.4 301.8	5102
								03S/08W-31F03 S 33			312.0	6/29/73	13.0	294.0	5102
								03S/08W-31M04 S 30			340.0	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	15.3 14.3 13.7 14.0 15.1 16.6	324.7 325.7 326.1 326.0 324.4 323.4	5102
SANTA ANA NARROWS HYDRO SUBAREA							Y-01.A3	03S/08W-31N01 S 30			325.0	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 7/27/73	30.1 28.1 27.3 28.7 29.2 29.6	294.2 296.4 297.7 296.4 295.8 295.4	5102
03S/08W-26N02 S 33			387.0	10/26/72 12/26/72 2/23/73 5/08/73	12.8 12.6 11.6 12.3	374.2 374.4 375.4 374.7	5102	03S/08W-32N01 S 33			360.0	10/28/72 11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	20.8 16.3 14.9 14.9 13.1 13.8 14.7 20.0 30.3(1) 36.5(1) 23.7	339.2 343.7 345.1 345.1 346.4 346.2 345.3 340.0 329.7 323.4 336.3	4715
03S/08W-29K01 S 33			340.0	10/26/72 11/22/72 12/20/72 1/23/73 2/23/73 3/22/73 4/26/73 6/27/73 7/26/73 8/23/73 9/25/73	10.7 9.3 9.7 9.2 9.3 9.1 10.2 12.7 13.4 14.1 14.2	329.3 330.7 330.3 330.8 330.7 330.9 329.8 327.3 326.6 325.9 325.8	5102 4715 5102 4715	03S/08W-33C01 S 33			360.0	12/26/72 2/23/73 5/08/73	8.9 8.0 8.5	351.1 352.0 351.5	5102
03S/08W-29N01 S 33			320.0	10/28/72 11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	16.1 11.6 10.9 10.6 10.5 10.5 10.4 15.3 18.3 43.8(1) 46.3(1)	303.9 308.4 309.1 309.4 309.5 309.5 309.6 304.7 301.7 276.2 273.7	4715	03S/08W-34C01 S 33			368.0	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	10.9 9.4 8.4 8.7 9.9 11.1	357.1 358.6 359.6 359.3 358.2 356.4	5102
03S/08W-29P01 S 33			336.0	11/22/72 12/20/72 1/23/73 2/23/73 3/22/73 4/26/73 5/08/73 6/27/73 7/27/73 8/23/73 9/25/73	12.8 11.9 11.5 11.0 11.3 11.7 11.1 40.4(1) 43.0(1) 41.8(1) 42.8(1)	323.2 324.1 324.5 325.0 324.7 324.3 324.9 295.6 293.0 294.2 293.2	4715 5102 4715 5102 4715	03S/08W-35R01 S 33			400.0	10/26/72 12/26/72 2/23/73 5/08/73 6/27/73 8/27/73	44.0 43.9 42.9 42.8 45.1 45.0	370.8 369.8 371.1 371.5 368.8 368.6	5102
03S/08W-29Q01 S 33			339.0	10/26/72	16.0	323.0	5102	03S/08W-36001 S 33			298.1	10/26/72	11.1	287.0	5102

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT SANTA ANA NARROWS HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							
Y-01 Y-01.A Y-01.A3								Y-01 Y-01.A Y-01.B1							
03S/09W-36001 S 33			298.1	12/26/72	10.5	287.6	5102	01N/04W-35P01 S 36			1605.0	4/30/73	382.0	1223.0	474R
(CONTINUED)				2/23/73	9.4(2)	288.7		(CONTINUED)				5/29/73	383.0	1222.0	
				5/08/73	9.9	288.2						6/29/73	389.0	1216.0	
				6/29/73	10.9	287.2						7/30/73	382.0	1223.0	
				8/27/73	12.0	286.1						8/29/73	381.0	1224.0	
03S/09W-36P01 S 33			299.0	10/26/72	13.5	285.5	5102	01S/05W-06J01 S 36			1364.0	10/01/72	587.5	776.5	470A
				12/26/72	13.2	285.8						11/01/72	587.5	776.5	
				5/08/73	12.8	286.2						12/01/72	587.5	776.5	
				6/29/73	13.9	285.1						3/01/73	589.8	774.2	
03S/09W-36P02 S 33			306.9	10/26/72	13.4	293.5	5102					6/01/73	589.8	774.2	
				12/26/72	15.2	291.7						9/01/73	585.2	778.8	
				2/23/73	14.8	292.1		01S/05W-07N01 S 36			1235.2	10/01/72	469.3	765.4	470A
				5/08/73	14.4	292.5						11/01/72	469.3	765.4	
				6/29/73	15.9	291.0						12/01/72	469.3	765.4	
				8/27/73	16.1	290.8						3/01/73	469.3	765.4	
04S/08W-06N01 S			334.4	10/26/72	49.5	284.9	5102					6/01/73	469.3	765.4	
				12/26/72	48.5	285.9						9/01/73	471.6	763.4	
				2/23/73	47.5	286.9		01S/05W-07P01 S 36			1247.8	10/01/72	456.5	791.3	470A
				5/08/73	47.7	286.7						11/01/72	456.5	791.3	
				6/29/73	48.2	286.2						12/01/72	468.8	779.0	
				8/27/73	48.7	285.7						3/01/73	471.2	776.4	
04S/09W-01E01 S			287.0	6/29/73	NM-7		5102					6/01/73	464.2	783.4	
				8/27/73	NM-6							9/01/73	464.2	783.4	
04S/09W-01E03 S 30			291.1	10/26/72	18.7	272.4	5102	01S/05W-16C01 S 36			1227.3	10/01/72	421.0	806.3	470A
				12/26/72	14.9	276.2						11/01/72	421.0	806.3	
				2/23/73	13.2	277.9						12/01/72	420.7	806.6	
				5/08/73	12.8	278.3						3/01/73	420.0	807.3	
				6/29/73	14.0	277.1						6/01/73	418.1	809.2	
04S/09W-01601 S 30			318.7	12/26/72	18.7	280.0	5102					9/01/73	417.2	810.1	
				2/23/73	17.7	281.0		01S/05W-19A01 S 36			1156.9	10/01/72	402.8	754.1	470A
				5/08/73	17.8	280.9						11/01/72	402.8	754.1	
				6/29/73	18.6	280.1						12/01/72	405.1	751.8	
04S/09W-02H01 S 30			285.0	10/26/72	16.5	268.5	5102					3/01/73	407.4	749.5	
				12/26/72	12.3	272.7						6/01/73	402.8	754.1	
				2/23/73	10.4	274.6						9/01/73	402.8	754.1	
				5/08/73	9.9	275.1		01S/05W-19N01 S 36			1142.0	10/01/72	392.5	749.5	470A
				6/29/73	11.0	274.0						11/01/72	392.5	749.5	
				8/27/73	11.1	273.9						12/01/72	392.5	749.5	
MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA								Y-01.B Y-01.B1							
01N/06W-35A01 S			1438.0	10/01/72	545.2	892.8	4706					10/01/72	359.7	747.2	470A
				11/01/72	545.4	892.6						11/01/72	357.4	749.5	
				12/01/72	546.0	892.0						12/01/72	357.4	749.5	
				3/01/73	545.4	892.6						3/01/73	359.7	747.2	
				6/01/73	534.3	903.7						6/01/73	357.4	749.5	
				9/01/73	533.4	904.6						9/01/73	355.1	751.8	
01N/08W-25K03 S 36			1830.0	10/02/72	305.0(1)	1525.0	4235	01S/05W-29A01 S 36			1082.4	10/00/72	297.0	785.4	412A
				11/02/72	289.0(1)	1541.0						11/00/72	293.0	789.4	
				12/29/72	218.0	1612.0	3719					12/00/72	293.0	789.4	
				1/08/73	292.0(1)	1538.0	4235					1/00/73	292.0	790.4	
				2/02/73	296.0(1)	1534.0						2/00/73	292.0	790.4	
				3/02/73	282.0(1)	1548.0						3/00/73	291.0	791.4	
				4/30/73	208.0	1622.0	3719					4/00/73	292.0	790.4	
				5/30/73	185.0	1645.0	1101					5/00/73	294.0	788.4	
				6/30/73	200.0	1630.0	3719					6/00/73	319.0(1)	763.4	
				7/03/73	207.0(1)	1623.0	4235					7/00/73	318.0	764.4	
				8/01/73	205.0(1)	1625.0						8/00/73	294.0	788.4	
				9/05/73	238.0(1)	1592.0						9/00/73	318.0(1)	764.4	
01N/08W-35J02 S 36			1607.0	10/31/72	486.0(1)	1121.0	1101	01S/05W-30L01 S			1049.0	10/01/72	298.4	750.4	470A
				11/30/72	396.0	1211.0						11/01/72	297.3	751.7	
				12/29/72	393.0	1214.0						12/01/72	297.6	751.4	
				1/31/73	390.0	1217.0						3/01/73	297.3	751.7	
				2/28/73	386.5	1220.5						6/01/73	297.1	751.4	
				3/31/73	386.0	1221.0						9/01/73	300.3	748.7	
				4/30/73	382.0	1225.0		01S/06W-11R01 S 36			1246.5	10/01/72	520.7(1)	725.8	470A
				5/29/73	383.0	1224.0						11/01/72	502.3	744.2	
				6/29/73	389.0	1218.0						12/01/72	502.3	744.2	
				7/30/73	382.0	1225.0						3/01/73	506.9	739.6	
				8/31/73	162.0	1445.0						6/01/73	509.2	737.3	
				9/30/73	386.0	1221.0						9/01/73	519.5	727.0	
01N/08W-35J03 S 36			1618.0	10/31/72	451.0(1)	1167.0	4748	01S/06W-11N01 S 36			1165.8	10/01/72	443.9(1)	721.9	470A
				11/30/72	344.0	1274.0						11/01/72	443.9(1)	721.9	
				12/29/72	324.0	1294.0						12/01/72	434.7	731.1	
				1/31/73	316.0	1302.0						3/01/73	439.3	726.5	
				2/28/73	311.5	1306.5						6/01/73	393.1	772.7	
				3/31/73	306.5	1311.5						9/01/73	423.8	742.0	
				4/30/73	309.0	1309.0		01S/06W-12P01 S 36			1209.7	10/01/72	468.4	741.3	470A
				5/29/73	313.0	1305.0						11/01/72	466.1	743.6	
				6/29/73	307.0	1311.0						12/01/72	468.4	741.3	
				7/30/73	288.0	1330.0						3/01/73	473.0	736.7	
				8/29/73	278.0	1340.0						6/01/73	466.1	743.6	
01N/08W-35001 S			1574.4	1/26/73	NM-0		1101					9/01/73	475.3(1)	734.4	
01N/08W-35R01 S 36			1605.0	10/31/72	486.0	1119.0	4748	01S/06W-23D01 S 36			1079.0	10/01/72	352.1	726.9	470A
				11/30/72	396.0	1209.0						11/01/72	354.4	724.6	
				12/29/72	393.0	1212.0						12/01/72	354.4	724.6	
				1/31/73	390.0	1215.0						3/01/73	356.7	722.3	
				2/28/73	386.5	1218.5						6/01/73	349.8	729.2	
				3/31/73	386.0	1219.0						9/01/73	349.8	729.2	
								01S/06W-25C01 S 36			1050.0	10/01/72	308.0	742.0	470A
												11/01/72	307.7	742.3	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							
Y-01 Y-01.8 Y-01.81								Y-01 Y-01.8 Y-01.81							
01S/06W-25C01 S 36 (CONTINUED)			1050.0	12/01/72	307.5	742.5	4706	01S/07W-17E01 S 36 (CONTINUED)			1155.0	11/02/72	562.0(1)	593.0	4235
				3/01/73	307.3	742.7						1/08/73	530.0	625.0	
				6/01/73	306.9	743.1						2/02/73	560.0(1)	595.0	
				9/01/73	310.5	739.5						3/02/73	560.0(1)	595.0	
												4/02/73	562.0(1)	593.0	
01S/06W-27L01 S			955.1	10/01/72	240.7	714.4	4706	01S/07W-19D01 S			1080.0	10/31/72	465.4	614.6	4748
				11/01/72	242.6	712.5						11/30/72	465.4	614.6	
				12/01/72	240.1	715.0						12/29/72	465.4	614.6	
			956.5	3/01/73	240.1	715.0						1/31/73	465.4	614.6	
				4/05/73	241.3	715.2	5101					2/28/73	465.4	614.6	
				5/03/73	238.9	717.6						3/31/73	465.4	614.6	
			955.1	6/01/73	239.8	715.3	4706					4/30/73	465.4	614.6	
			956.5	7/10/73	242.3	714.2	5101					5/29/73	465.4	614.6	
				8/02/73	242.0	714.5						6/29/73	465.4	614.6	
			955.1	9/01/73	242.6	712.5	4706					7/30/73	465.4	614.6	
												8/29/73	465.4	614.6	
01S/06W-31M01 S 36			861.8	11/02/72	255.8	606.0	5101	01S/07W-19D02 S 36			1092.3	10/31/72	473.3	619.0	4748
				4/05/73	255.2	606.6						11/30/72	473.3	619.0	
01S/06W-33M01 S 36			868.8	11/02/72	183.5	685.3	5101					12/29/72	473.3	619.0	
				4/05/73	181.4	687.4						1/31/73	473.3	619.0	
01S/06W-34R01 S 36			937.0	11/02/72	226.0	711.0	5101					2/28/73	473.3	619.0	
				4/05/73	231.5	705.5						3/31/73	473.3	619.0	
01S/06W-36D01 S 36			979.0	11/02/72	239.1	739.9	5101					4/30/73	473.3	619.0	
				4/05/73	238.5	740.5						5/29/73	473.3	619.0	
01S/07W-08N01 S 36			1212.2	10/02/72	644.4(1)	567.8	4235					6/29/73	473.3	619.0	
				11/02/72	597.4	614.8						7/30/73	454.9	637.4	
				1/08/73	647.4(1)	564.8		01S/07W-21D01 S 36			1056.0	8/00/73	520.3	535.7	4228
				2/02/73	647.4(1)	564.8						8/29/73	473.3	619.0	
				3/02/73	647.4(1)	564.8		01S/08W-01D02 S 36			1542.0	10/31/72	312.0	1230.0	3719
				4/02/73	645.4(1)	566.8						11/30/72	340.0	1202.0	
				5/04/73	643.4(1)	568.8						12/29/72	337.0	1205.0	
				6/06/73	647.4(1)	564.8						1/30/73	334.5	1207.5	
				7/03/73	647.4(1)	564.8						2/28/73	331.5	1210.5	
				8/01/73	641.4(1)	570.8						3/31/73	329.0	1213.0	
				9/05/73	644.4(1)	567.8						4/30/73	332.5	1209.5	
01S/07W-13R01 S 36			1047.1	10/13/72	358.1	689.0	5101					8/29/73	325.0	1217.0	
				11/10/72	357.1	690.0		01S/08W-01D03 S 36			154.5	10/31/72	-1078.0	1232.5	1101
				12/06/72	356.8	690.3						11/30/72	-1050.0	1204.5	
				1/03/73	355.0	692.1						12/29/72	-1053.0	1207.5	
				2/07/73	354.7	692.4						1/30/73	-1056.0	1210.5	
				3/07/73	354.5	692.6						2/28/73	-1059.0	1213.5	
				4/06/73	354.3	692.8						3/31/73	-1061.0	1215.5	
				5/03/73	358.8	688.3						4/30/73	-1058.0	1212.5	
				6/07/73	361.3	685.8						8/31/73	-1065.0	1219.5	
				7/10/73	362.9	684.2						9/30/73	-1061.0	1215.5	
				8/02/73	363.3	683.8		01S/08W-02R01 S 36			1552.0	10/31/72	282.0	1270.0	1101
				9/13/73	363.6	683.5						11/30/72	275.0	1277.0	
01S/07W-14D01 S			1094.0	10/00/72	418.0	676.0	4702					12/29/72	263.0	1289.0	
				11/00/72	413.0	681.0						1/30/73	253.5	1298.5	3719
				12/00/72	417.0	677.0						2/28/73	246.5	1305.5	1101
				1/00/73	414.0	680.0						3/31/73	242.0	1310.0	3719
				2/00/73	410.0	684.0						4/30/73	250.0	1302.0	1101
				3/00/73	414.0	680.0						5/30/73	253.0	1299.0	
				4/00/73	473.0(1)	621.0						6/30/73	239.5(5)	1312.5	
				5/00/73	474.0(1)	620.0						7/30/73	235.0(5)	1317.0	
				6/00/73	445.0	649.0						8/29/73	210.0	1342.0	3719
				7/00/73	477.0(1)	617.0						9/29/73	210.0	1342.0	
				8/00/73	476.0(1)	618.0		01S/08W-02M03 S 36			1396.7	12/07/72	107.7	1289.0	1101
				9/00/73	477.0(1)	617.0						4/16/73	117.1	1279.4	
01S/07W-14F01 S			1080.0	10/00/72	410.0	670.0	4702	01S/08W-10N12 S 19			1137.6	10/14/72	370.4(1)	767.2	1101
				11/00/72	405.0	675.0						11/14/72	345.1(5)	792.5	
				12/00/72	409.0	671.0						12/14/72	372.5(1)	765.1	
				1/00/73	403.0	677.0						1/07/73	345.1(5)	792.5	
				2/00/73	400.0	680.0						2/14/73	379.8(1)	757.8	
				3/00/73	404.0	676.0						3/14/73	370.3(1)	767.3	
				4/00/73	516.0(1)	564.0						4/21/73	391.3(1)	746.3	
				5/00/73	502.0(1)	578.0						5/07/73	381.8(1)	755.4	
				6/00/73	500.0(1)	580.0						6/14/73	406.8(1)	730.8	
				7/00/73	462.0(1)	618.0						7/14/73	391.3(1)	746.3	
				8/00/73	461.0(1)	619.0						8/28/73	389.8(1)	747.8	
				9/00/73	463.0(1)	617.0						9/14/73	393.8(1)	743.4	
01S/07W-14G01 S			1085.0	10/00/72	405.0	680.0	4702	01S/08W-10N14 S 19			1149.0	10/14/72	308.5(1)	840.5	1101
				11/00/72	401.0	684.0						11/14/72	308.5(1)	840.5	
				12/00/72	406.0	679.0						12/14/72	317.5(1)	831.5	
				1/00/73	403.0	682.0						1/28/73	308.5(5)	840.5	
				2/00/73	402.0	683.0						2/14/73	329.5(1)	819.5	
				3/00/73	410.0	675.0						3/14/73	330.5(1)	818.5	
				4/00/73	475.0(1)	610.0						4/07/73	326.0(1)	823.0	
				5/00/73	471.0(1)	614.0						5/07/73	334.5(1)	814.5	
				6/00/73	472.0(1)	613.0						6/14/73	343.5(1)	805.5	
				7/00/73	481.0(1)	604.0		01S/08W-11R01 S			1219.9	10/02/72	597.0	622.9	4235
				8/00/73	476.0(1)	609.0						11/02/72	613.0(1)	606.9	
				9/00/73	479.0(1)	606.0						1/08/73	611.0(1)	608.9	
01S/07W-14L01 S			1066.0	10/00/72	403.0	663.0	4702					2/02/73	611.0(1)	608.9	
				11/00/72	398.0	668.0						3/02/73	590.0	629.9	
				12/00/72	405.0	661.0						4/02/73	593.0	626.9	
				1/00/73	399.0	667.0						5/04/73	617.0(1)	602.9	
				2/00/73	397.0	669.0						6/06/73	615.0(1)	604.9	
				3/											

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.B Y-01.B1	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.B Y-01.B1
01S/08W-12J01 S 36			1040.9	10/04/72	315.6	725.3	1101	01S/08W-28F02 S 19			890.0	6/15/73	397.7(1)	492.3	1101
				11/06/72	314.7	726.2		(CONTINUED)				7/15/73	405.7(1)	484.3	
				12/14/72	316.4	724.5						8/15/73	409.2(1)	480.8	
				1/11/73	313.4	727.5						9/15/73	378.0(5)	512.0	
				2/08/73	320.3	720.6		01S/08W-28F02 S 19			887.5	10/15/72	371.7(5)	515.8	1101
				3/09/73	320.7	720.2						11/15/72	360.1(5)	527.4	
				4/04/73	320.0	720.9						12/01/72	356.6	530.9	
				5/08/73	317.9	723.0						1/15/73	371.7(1)	515.8	
				6/15/73	314.4	726.5						2/15/73	371.7(1)	515.8	
				7/12/73	312.4	728.5						3/15/73	349.7(5)	537.8	
				8/22/73	314.1	726.8						4/15/73	358.9(5)	528.6	
				9/06/73	315.4	725.5						5/15/73	358.9(5)	528.6	
01S/08W-12K01 S 36			1255.0	10/31/72	605.0	650.0	3719					6/15/73	393.6(1)	493.9	
				11/30/72	604.0	651.0						7/15/73	390.1(1)	497.4	
				12/29/72	603.0	652.0						8/15/73	399.4(1)	488.1	
				1/30/73	602.0	653.0						9/15/73	375.1(5)	512.4	
				2/28/73	601.3	653.7		01S/08W-28G01 S 19			894.0	10/15/72	401.8(1)	492.2	1101
				3/31/73	601.3	653.7						11/15/72	393.8(1)	500.2	
01S/08W-12P01 S 36			1214.6	10/31/72	585.6	629.0	3719					12/01/72	360.3(5)	533.7	
				11/30/72	584.6	630.0						2/15/73	359.8(5)	534.2	
				12/29/72	584.6	630.0						4/15/73	358.7(5)	535.3	
				1/30/73	583.6	631.0						5/15/73	385.2(1)	508.8	
				2/28/73	582.9	631.7						7/15/73	397.9(1)	496.1	
				3/31/73	582.9	631.7						8/15/73	400.3(1)	493.7	
				4/30/73	585.6	629.0						9/15/73	397.9(1)	496.1	
				5/30/73	585.6	629.0		01S/08W-28G02 S 19			903.0	10/15/72	389.5(1)	513.5	1101
				6/30/73	589.6	625.0						11/15/72	382.6(1)	520.4	
				7/30/73	589.6	625.0						12/01/72	364.1(5)	538.9	
				8/29/73	592.6	622.0						1/15/73	375.6(1)	527.4	
				9/29/73	592.6	622.0						2/15/73	372.2(1)	530.8	
01S/08W-14A02 S 36			1192.0	11/28/72	549.4	642.6	5125					3/15/73	371.0(1)	532.0	
01S/08W-14A03 S 36			1192.0	11/28/72	560.0	632.0	5125					4/15/73	360.6(5)	542.4	
01S/08W-14D01 S 36			1177.0	11/28/72	625.0	552.0	5125					7/15/73	391.0(1)	512.0	
01S/08W-14N01 S 36			1057.0	11/28/72	488.2	568.8	5125					8/15/73	395.6(1)	507.4	
01S/08W-15M01 S 36			1125.0	11/27/72	544.4	580.6	1101					9/15/73	392.2(1)	510.8	
				2/28/73	534.4	590.6		01S/08W-28L01 S 19			873.7	10/15/72	370.0(5)	503.7	1101
				5/21/73	542.0	583.0						11/15/72	353.8(5)	519.9	
				6/28/73	585.0(1)	540.0						12/01/72	343.4(5)	530.3	
				7/18/73	542.0(5)	583.0						1/15/73	348.0(5)	525.7	
01S/08W-15J01 S 36			1101.0	10/13/72	578.5(1)	522.5	1101					2/15/73	364.2(1)	509.5	
				11/28/72	533.5(5)	567.5						3/15/73	336.5(5)	537.2	
				12/20/72	576.5(1)	524.5						4/15/73	342.2(5)	531.5	
				1/26/73	533.5(5)	567.5						5/15/73	346.9(5)	526.8	
				2/28/73	533.1	567.9						6/15/73	385.0(1)	488.7	
				3/14/73	534.5(5)	566.5						7/15/73	389.4(1)	484.1	
				4/11/73	600.5(5)	500.5						8/15/73	393.0(1)	480.7	
				5/21/73	538.5(5)	562.5						9/15/73	364.2(5)	509.5	
				7/18/73	542.1(5)	558.9		01S/08W-28M01 S 19			868.0	10/15/72	369.7(5)	498.3	1101
01S/08W-15P02 S 36			1062.0	10/14/72	541.0(1)	521.0	1101					12/01/72	348.9(5)	519.1	
				11/14/72	535.0(1)	527.0						1/15/73	346.6(5)	521.4	
				1/28/73	493.5(5)	568.5						2/15/73	370.9(1)	497.1	
				2/14/73	490.0(5)	572.0						3/15/73	336.2(5)	531.8	
				3/14/73	489.0(5)	573.0						4/15/73	346.6(5)	521.4	
				5/21/73	534.0(1)	528.0						5/15/73	346.6(5)	521.4	
				6/14/73	539.0(1)	523.0						6/15/73	392.8(1)	475.2	
				7/21/73	543.0(1)	519.0						7/15/73	365.1(5)	502.9	
01S/08W-15002 S 36			1047.6	11/28/72	578.2	469.4	5125					8/15/73	395.1(1)	472.9	
01S/08W-22M01 S			977.5	11/28/72	408.2	569.3	5125					9/15/73	365.1(5)	502.4	
				12/01/72	414.1	563.4	1101	01S/08W-28M03 S 19			864.0	10/15/72	359.7(5)	504.3	1101
01S/08W-23A03 S 36			1073.0	11/28/72	442.0	631.0	5125					11/15/72	342.3(5)	521.7	
01S/08W-23N01 S			985.0	1/24/73	NM-0		1101					12/01/72	341.2(5)	522.8	
				7/19/73	NM-0							1/15/73	337.7(5)	526.3	
01S/08W-24F01 S 36			1031.5	11/28/72	445.5	586.0	5125					2/15/73	359.7(1)	504.3	
01S/08W-26R01 S 19			980.0	11/28/72	392.0	588.0	5125					3/15/73	327.3(5)	536.7	
01S/08W-28E01 S 19			882.0	10/15/72	392.5(1)	489.5	1101					4/15/73	336.6(5)	527.4	
				11/15/72	353.2(5)	528.8						5/15/73	337.7(5)	526.3	
				12/01/72	356.7(5)	525.3						6/15/73	379.3(1)	484.7	
				1/15/73	375.1(1)	506.9						7/15/73	356.2(5)	507.8	
				2/15/73	359.0(5)	523.0						8/15/73	381.6(1)	482.4	
				3/15/73	363.6(1)	518.4						9/15/73	356.2(5)	507.8	
				4/15/73	359.0(5)	523.0		01S/08W-28N01 S 19			857.0	10/15/72	362.5(1)	494.5	1101
				5/15/73	365.9(1)	516.1						11/15/72	354.4(1)	502.6	
				6/15/73	393.6(1)	488.4						12/01/72	324.4(5)	532.6	
				7/15/73	394.8(1)	487.2						1/15/73	352.2(1)	504.8	
				8/15/73	405.2(1)	476.8						2/15/73	356.7(1)	500.3	
				9/15/73	389.0(1)	493.0						3/15/73	336.0(1)	521.0	
01S/08W-28E02 S 19			890.0	10/15/72	409.2(1)	480.8	1101					4/15/73	322.1(5)	534.9	
				11/15/72	363.0(5)	527.0						5/15/73	346.8(1)	510.2	
				12/01/72	363.0(5)	527.0						6/15/73	370.6(1)	486.4	
				1/15/73	364.6(5)	525.4						7/15/73	378.7(1)	478.3	
				2/15/73	380.3(1)	509.7						8/15/73	377.5(1)	479.5	
				3/15/73	353.8(5)	536.2						9/15/73	368.3(1)	488.7	
				4/11/73	365.0(2)	525.0	5101					10/15/72	384.3(1)	474.7	1101
				5/15/73	386.1(1)	503.9	1101					11/15/72	360.6(1)	498.4	
												12/01/72	328.2(5)	530.8	
												1/15/73	357.1(1)	501.9	
												2/15/73	360.6(1)	498.4	
												3/15/73	325.9(5)	533.1	
												4/15/73	328.2(5)	530.8	
												5/15/73	351.3(1)	507.7	
												6/15/73	376.7(1)	482.3	
												7/15/73	380.2(1)	478.8	
												8/15/73	381.3(1)	477.7	
												9/15/73	369.8(1)	489.2	

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							
						Y-01 Y-01.B Y-01.B1								Y-01 Y-01.B Y-01.B1	
01S/08W-29F02 S 19			872.0	12/01/72 4/11/73	310.0 305.0	562.0 567.0	1101	02S/06W-12L01 < 33			817.0	4/24/73	44.4	772.6	5719
01S/08W-29H02 S 19			886.0	12/01/72 4/11/73	297.0(3) 346.0(3)	589.0 540.0	1101	02S/06W-12M03 < 33			795.9	10/06/72 11/30/72 4/04/73	23.4 23.6 24.4	772.5 772.3 771.5	5103 5719 5103
01S/08W-30K01 S 19			844.6	10/15/72 11/15/72 12/01/72 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	345.9(1) 350.5(1) 257.0(5) 257.0(5) 305.5(5) 257.0(5) 334.4(1) 347.1(1) 347.1(1) 354.0(1) 355.1(1)	498.7 494.1 587.6 587.6 539.1 587.6 510.2 497.5 497.5 490.6 489.5	1101	02S/06W-13R04 < 33			784.0	2/01/72 4/25/73	19.2 16.9	764.8 767.1	5719
01S/08W-31001 S 19			783.0	10/05/72 11/06/72 12/12/72 1/11/73 2/07/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/22/73 9/06/73	136.6 136.8 136.8 137.0 138.0 133.5 137.7 137.6 137.5 138.1 138.5 138.9	646.4 646.2 646.2 646.0 645.0 649.5 645.3 645.4 645.5 644.9 644.5 644.1	1101	02S/06W-13F02 < 33			755.0	11/30/72 4/25/73	16.2 14.7(4)	738.8 740.3	5719
01S/08W-33R01 S 19			855.0	11/06/72 4/11/73	347.6 342.6	507.4 512.4	5101	02S/06W-13F05 < 33			775.8	11/30/72 4/25/73	36.9 35.7	738.9 740.1	5719
01S/08W-33D01 < 19			840.6	2/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	346.7(1) 272.3(5) 358.2(1) 372.0(1) 381.3(1) 392.8(1) 385.9(1)	493.9 568.3 482.4 468.6 459.3 447.8 454.7	1101	02S/06W-13G03 < 33			775.0	12/01/72 4/25/73	26.1 23.7	748.9 751.3	5719
01S/08W-33F03 < 19			831.8	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 8/15/73 9/15/73	351.8(1) 346.1(1) 304.5(5) 335.7(1) 331.0(1) 320.7(1) 299.4 373.4(1) 366.4(1)	480.0 485.7 527.3 496.1 500.8 511.1 532.4 458.4 465.4	1101	02S/06W-13M02 < 33			753.0	11/30/72 4/25/73	20.7 18.2	732.1 734.8	5719
01S/08W-33L06 S 19			816.3	10/05/72 11/06/72 12/12/72 1/11/73 2/06/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73	281.1 280.6 274.9 275.7 274.0 277.6 271.4 278.8 277.8 283.5 286.8 284.0	535.2 535.7 541.4 540.6 542.3 538.7 544.9 537.5 538.5 532.8 529.5 532.3	1101	02S/06W-13M03 < 33			753.0	11/30/72 4/25/73	19.1 17.0	733.9 736.0	5719
02S/05W-07M01 S 33			851.0	11/30/72 4/24/73	17.4 13.4	833.6 837.6	5719	02S/06W-14C02 < 33			734.5	11/30/72 4/25/73	31.1 31.2	703.4 703.3	5719
02S/05W-07P03 S 36			878.0	12/07/72 5/01/73	16.5 15.2	861.5 862.8	5719	02S/06W-14H02 < 33			737.0	11/30/72 4/23/73	20.3 18.9	716.7 718.1	5719
02S/05W-18C02 S			861.0	11/30/72	NM-7		5719	02S/06W-14L01 < 33			711.0	11/30/72 4/25/73	17.3 13.7	693.7 697.3	5719
02S/05W-19Q01 S			847.0	11/30/72 4/23/73	46.0 45.2	801.0 801.8	5719	02S/06W-16R02 < 33			727.4	2/01/72 4/26/73	117.8 115.9	609.8 611.7	5719
02S/06W-01001 S 33			880.0	10/06/72 4/05/73	37.5 38.3	842.5 841.7	5103	02S/06W-16M01 < 33			726.3	0/26/72 4/03/73	121.6 124.1	604.7 602.2	5101
02S/06W-03R01 S			856.0	11/02/72	NM-7		5101	02S/06W-18A01 < 33			732.0	0/05/72 4/04/73	NM-8 NM-8		5103
02S/06W-05R01 S 33			845.3 845.0 845.3	10/06/72 11/02/72 4/05/73	198.5 218.5 193.9	646.8 626.5 651.4	5103 5101 5103	02S/06W-19L01 < 33			674.2	10/26/72 4/05/73	91.0 79.2	583.2 595.0	5101
02S/06W-06N02 S 33			806.0	10/05/72 4/04/73	185.5(4) 182.9	620.5 623.1	5103	02S/06W-21003 < 33			712.2	11/10/72 12/06/72 3/05/73 4/04/73 7/10/73	106.3 105.9 104.3 109.0 105.6	605.4 606.3 607.4 603.2 606.4	5101
02S/06W-08D01 S 33			784.3	11/02/72 4/05/73	179.7 181.4	604.6 602.9	5101	02S/06W-21F01 < 33			695.0	12/01/72	89.7	605.5	5719
02S/06W-08D03 S 33			782.0	10/05/72 4/04/73	167.2 163.4	614.8 618.6	5103	02S/06W-22G01 < 33			692.0	4/05/73	41.9	650.1	5101
02S/06W-11K03 S 36			755.0	11/30/72 4/24/73	23.7 22.4	731.3 732.6	5719	02S/06W-22R02 < 33			686.0	12/01/72 4/26/73	DRY DRY		5719
02S/06W-11001 S 36			745.0	11/30/72 4/25/73	26.7 24.9	718.3 720.1	5719	02S/06W-23A01 < 33			748.0	11/30/72 4/23/73	43.9 42.5(3)	704.1 705.5	5719
02S/06W-12L01 S 33			817.0	11/30/72	48.7	768.3	5719	02S/06W-25C01 < 33			736.0	11/30/72 4/23/73	15.3 19.8(4)	720.7 716.2	5719
								02S/06W-26D02 < 33			686.0	10/06/72	NM-2		5103
								02S/06W-27D04 < 33			650.0	12/01/72 4/25/73	21.3(4) 20.3	628.7 629.7	5719
								02S/06W-28R01 < 33			647.0	10/05/72 11/10/72 12/06/72	27.7 27.7 26.4	619.3 619.3 620.4	5103
								02S/06W-28F01 < 33			626.0	10/05/72 11/10/72 12/06/72 1/03/73 3/05/73 4/03/73 5/18/73 6/08/73 7/10/73 8/08/73 9/06/73	12.7 12.7 12.6 13.0 12.8 12.6 12.5 12.8 12.8 12.8(2) 12.8	613.3 613.3 613.4 613.0 613.2 613.4 613.5 613.2 613.2 613.2 613.2	5103
								02S/06W-30R03 < 33			618.9	10/26/72 4/03/73	26.1 27.4	592.8 591.5	5101
								02S/06W-30R07 < 33			617.7	10/05/72 11/10/72 1/03/73 4/04/73	25.2 25.6 25.5 26.2	592.5 592.1 592.2 591.5	5103

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81
02S/06W-30R03 S 33			617.7	5/18/73	26.5	591.2	5103	02S/07W-36D01 S			611.6	4/03/73	NM-7		5103
(CONTINUED)				6/08/73	24.9(2)	592.8		02S/07W-36F01 S 33			601.5	10/05/72	42.6	558.9	5103
				7/10/73	25.2	592.5						4/04/73	33.7	567.8	
				8/08/73	24.7(2)	593.0		02S/07W-36L01 S			570.5	10/05/72	NM-9		5103
				9/06/73	25.3(2)	592.4		02S/08W-04P01 S			745.5	10/05/72	193.8	551.7	1101
02S/06W-31C01 S 33			601.0	10/05/72	31.7	569.3	5103					11/06/72	205.7(3)	539.4	
				11/10/72	30.1	570.9						12/14/72	202.0	543.5	
				12/07/72	28.9	572.1						1/11/73	202.5	543.0	
				2/09/73	26.5	574.5						2/07/73	200.5	545.0	
				3/05/73	25.4	575.6						3/07/73	152.5	592.5	5101
				4/04/73	24.5	576.5						4/04/73	200.7(3)	544.8	1101
				5/18/73	26.3	574.7						5/03/73	165.5	579.5	5101
				6/08/73	26.9	574.1						6/01/73	204.3	541.2	1101
				7/10/73	29.0	572.0						7/10/73	168.6(3)	576.4	5101
				8/08/73	29.4(2)	571.6						8/02/73	171.8(3)	573.2	
				9/06/73	30.3	570.7						9/06/73	217.0	528.5	1101
02S/06W-33F01 S			715.9	11/27/72	55.9	660.0	5719	02S/08W-05G01 S 36			775.0	12/01/72	249.4	525.6	1101
				4/26/73	53.3	662.6						4/11/73	223.1	551.9	
02S/06W-33E02 S 33			743.6	11/27/72	34.3	709.3	5719					5/21/73	223.8	551.2	
				4/26/73	34.0	709.6		02S/08W-12F01 S			741.0	10/13/72	177.4	563.6	5101
02S/07W-02K01 S 36			801.5	11/03/72	198.2	603.3	5101					11/09/72	180.8	560.2	
				4/06/73	193.8(4)	607.7						12/06/72	179.0	562.0	
02S/07W-04A01 S 36			837.0	11/06/72	267.1	569.9	5101					1/03/73	175.5	565.5	
				4/11/73	273.6(6)	563.4						2/07/73	165.0	576.0	
02S/07W-05N01 S 36			847.5	11/06/72	218.5(5)	629.0	5101					3/07/73	174.4	566.6	
				4/11/73	213.5(5)	634.0						4/06/73	173.8	567.2	
02S/07W-05O02 S 36			838.0	11/06/72	244.1	593.9	5101					5/03/73	172.5	568.5	
				4/11/73	240.2	597.8						6/07/73	179.0	562.0	
02S/07W-05J02 S 36			808.0	11/06/72	258.4	549.6	5101					7/10/73	178.6	562.4	
				4/11/73	247.5	560.5		02S/08W-15K01 S 36			655.0	1/10/72	106.5(3)	548.5	5101
02S/07W-09M01 S 36			749.8	11/03/72	169.3	580.5	5101					4/18/73	116.5	538.5	
				4/06/73	166.9	582.9		02S/08W-16R01 S 36			681.5	11/06/72	131.0	550.5	5101
02S/07W-09P01 S 36			723.0	11/03/72	118.5(3)	604.5	5101					4/11/73	126.1	555.4	
				4/11/73	111.5(3)	611.5		02S/08W-16J03 S 36			657.0	11/06/72	57.1	599.9	5101
02S/07W-10B01 S 36			775.0	11/24/72	146.8(3)	628.2	5101					4/11/73	48.3	608.7	
				4/11/73	124.9	650.1		02S/08W-20L01 S			737.0	11/06/72	17.0	720.0	5101
02S/07W-12A01 S			795.0	10/26/72	NM-4		5101					4/11/73	13.0	724.0	
				4/05/73	NM-2			02S/08W-21C01 S 36			675.0	1/06/72	7.2	667.8	5101
02S/07W-13J02 S			726.0	10/26/72	NM-4		5101					4/11/73	9.7	665.3	
02S/07W-15F02 S 36			704.0	11/07/72	131.0	573.0	5101	02S/08W-22D03 S			646.3	1/06/72	NM-2		5101
				4/18/73	119.2	584.8		02S/08W-23M01 S 36			605.4	10/26/72	99.6	505.8	5101
02S/07W-16D01 S 36			713.3	4/11/73	129.0	584.3	5101					4/05/73	98.4	507.0	
02S/07W-17P02 S 36			680.0	11/24/72	119.0	561.0	5101	02S/08W-26J02 S 36			571.0	10/13/72	63.4	507.6	5101
				4/06/73	117.2	562.8						11/22/72	61.1	509.9	
02S/07W-20L01 S				11/18/72	NM-1		5101					12/06/72	57.1	513.4	
				5/03/73	NM-1							2/07/73	48.4	522.4	
02S/07W-25M01 S 33			624.4	10/05/72	61.7	562.7	5103					3/07/73	46.9	524.1	
				4/04/73	47.5	576.9						4/05/73	56.4(4)	514.6	
02S/07W-27A02 S 33			643.1	11/10/72	84.8(4)	558.3	5101					5/03/73	51.2(2)	519.8	
				1/03/73	62.0	581.1		02S/08W-26K03 S			582.7	10/26/72	NM-5		5101
				2/07/73	64.3(3)	578.8						4/05/73	NM-5		
				3/07/73	72.0	571.1		02S/08W-36C03 S 36			545.7	10/26/72	39.7	506.0	5101
				4/05/73	70.7	572.4						4/05/73	26.2	519.5	
02S/07W-27R01 S 33			617.4	10/05/72	58.0(4)	559.4	5103	03S/07W-03A02 S 33			579.0	11/22/72	32.5	546.5	5101
				4/04/73	49.6(4)	567.8						4/03/73	27.5	551.5	
02S/07W-32H01 S 36			575.2	10/13/72	69.3(4)	505.9	5101	03S/07W-03J01 S 33			580.8	10/26/72	43.7	537.1	5101
				11/10/72	58.0	517.2						4/03/73	40.1	540.9	5103
				12/06/72	57.0	518.2		03S/07W-03M01 S 33			561.9	10/26/72	39.6	522.3	5101
				1/03/73	50.3	524.9						4/03/73	33.2(2)	528.3	5103
				3/07/73	40.7	534.5		03S/07W-04H01 S 36			564.5	11/02/72	31.9	532.6	5101
				4/03/73	39.3	535.9		03S/07W-05J02 S 36			552.1	10/26/72	44.5	507.6	5101
				6/07/73	36.5	518.7						4/03/73	45.4	506.7	
				8/02/73	68.3	506.9		03S/07W-07G02 S 33			515.0	11/02/72	11.7	503.3	5101
				9/13/73	68.8	506.4						4/05/73	4.6	510.4	
02S/07W-33A01 S 33			602.2	4/05/73	38.4	563.8	5101	03S/07W-08L01 S			533.4	10/04/72	45.1	488.3	5103
02S/07W-34H01 S 33			595.5	10/04/72	42.0	553.5	5103					11/10/72	44.9	488.5	
				4/03/73	28.9	566.6						12/07/72	44.4	489.0	
02S/07W-34J01 S 33			585.2	4/03/73	25.6	559.6	5103					1/03/73	43.9	489.5	
02S/07W-34R01 S			580.9	10/04/72	NM-7		5103					2/09/73	43.4	490.0	
				4/03/73	NM-7							3/05/73	42.5	490.9	
02S/07W-35C02 S 33			613.1	10/05/72	54.2	558.9	5103					4/03/73	41.3	492.1	
				4/03/73	41.6	571.5						5/18/73	41.5	491.9	
02S/07W-35J03 S 33			597.0	11/22/72	42.1	554.9	5101					6/08/73	41.9	491.5	
02S/07W-36D01 S			611.6	10/05/72	NM-7		5103	03S/07W-09J01 S 36			515.0	10/04/72	11.1	503.9	5103
												4/03/73	7.9	507.1	

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA			
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT HARRISON HYDRO SUBAREA										
Y-01 Y-01.B Y-01.B1								Y-01 Y-01.B Y-01.B2										
03S/07W-10C03 S			575.0	10/26/72 4/03/73	NM-2 NM-2		5101	01S/08W-17K02 S 19			999.6	5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	394.1(5) 496.9(1) 500.3(1) 509.3(1) 511.7(1)	605.5 502.7 499.3 490.1 487.7	1101			
(CONTINUED)																		
03S/07W-10D01 S 33			553.6	10/04/72 4/03/73		36.8 31.3	5103	01S/08W-17K03 S 19			999.4	12/18/72 4/17/73	309.3 306.8	690.1 692.6	1101			
03S/07W-20D01 S			478.9	11/02/72 4/05/73	NM-5 NM-5		5101	01S/08W-17P02 S 19			969.1	12/05/72 4/11/73	149.1 139.3	820.0 829.3	1101			
03S/08W-01J01 S 36			523.6	10/26/72 4/05/73		23.8 16.1	5101	01S/08W-17P04 S 19			991.2	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	563.5(1) 561.2(1) 528.9(5) 563.5(1) 565.8(1) 528.9(5) 508.1(5) 518.5(5) 554.3(1) 558.9(1) 561.2(1) 461.1(6)	427.7 430.0 462.3 427.7 425.4 462.3 483.1 472.7 436.9 432.3 430.0 530.1	1101			
HARRISON HYDRO SUBAREA								Y-01.B2										
01S/08W-08H01 S 19			1176.0	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73		336.0(5) 315.2(1) 312.9(5) 294.4(5) 296.8(5) 310.6(5) 295.6(5) 337.2(5) 379.9(1) 383.4(1) 386.8(1) 355.7(5)	840.0 860.8 863.1 881.6 879.2 865.4 880.4 838.8 796.1 792.6 789.2 820.3	1101	CLAPFOMONT HEIGHTS HYDRO SUBAREA								Y-01.H1	
01S/08W-09D01 S 19			1225.0	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73		382.4(1) 377.8(1) 328.1(5) 383.5(1) 383.5(1) 383.5(1) 336.2(1) 355.0(1) 390.4(1) 388.1(1) 392.8(1) 339.6(5)	842.6 847.2 896.9 841.5 841.5 841.5 888.8 870.0 834.6 836.9 832.2 885.4	1101	01N/08W-24E01 S 36			2141.7	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/21/73 6/06/73 7/03/73 8/01/73 9/05/73	145.0(5) 146.0(5) 142.0(5) 139.0 92.0(5) 71.0 83.0(5) 88.0(1) 119.0(1) 137.0(1) 138.0	1996.7 1995.7 1999.7 2002.7 2049.7 2070.7 2058.7 2053.7 2022.7 2004.7 2003.7	1101		
01S/08W-09F01 S 36			1202.0	10/07/72 11/14/72 12/07/72 1/28/73 2/21/73 3/14/73 4/07/73 5/14/73 6/21/73 9/07/73		397.6(1) 381.6(1) 360.7(1) 356.0(5) 386.0(1) 312.0(5) 390.6(1) 312.0(5) 317.0(5) 423.0(1)	804.4 820.4 841.3 846.0 816.0 890.0 811.4 890.0 885.0 779.0	1101	01N/08W-24L01 S 36			2137.6	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/21/73 6/06/73 7/03/73 8/01/73 9/05/73	201.0 202.0 209.0(1) 202.0 186.0(5) 124.0 123.0(5) 125.0(5) 181.0(1) 206.0(5) 201.0	1936.4 1935.4 1928.4 1935.4 1951.6 2013.6 2014.6 2012.6 1956.6 1931.6 1936.6	4235		
01S/08W-09H01 S 36			1230.0	10/04/72 11/06/72 12/13/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73		274.0 274.0 274.8 277.0 277.5 278.0 278.0 279.5 279.8 280.0 281.5 281.5	956.0 956.0 955.2 953.0 952.5 952.0 952.0 950.5 950.2 950.0 948.5 948.5	1101	01N/08W-25K02 S 36			1855.0	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/04/73 7/03/73 8/01/73 9/05/73	305.0(1) 289.0(1) 292.0(1) 296.0(1) 292.0(1) 230.0(5) 207.0(1) 205.0(1) 238.0(1)	1550.0 1566.0 1561.0 1559.0 1573.0 1625.0 1648.0 1650.0 1617.0	1101		
01S/08W-09M03 S 19			1230.0	10/04/72 11/06/72 12/13/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73		77.7 76.7 77.3 77.9 78.0 78.0 79.2 80.0 79.1 82.5 79.0 79.5	1152.3 1153.3 1152.7 1152.1 1152.0 1152.0 1150.8 1150.0 1150.9 1147.5 1151.0 1150.5	1101	01N/08W-25L01 S 36			1861.6	10/31/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/29/73 9/29/73	241.6 235.6 233.6 230.1 225.6 219.6 213.6 179.6 176.6 211.6(1) 216.6(1)	1620.0 1626.0 1628.0 1631.4 1636.0 1642.0 1648.0 1682.0 1685.0 1650.0 1645.0	1719		
01S/08W-09P01 S 36			1118.0	12/01/72 4/11/73		264.9 262.7(3)	853.1 855.3	1101	01N/08W-25M01 S 36			1864.9	10/31/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/29/73 9/29/73	231.0 231.0 230.5 230.0 227.0 213.0 196.0 188.1 185.0 201.0 201.0	1633.4 1633.4 1634.4 1634.4 1637.9 1651.4 1668.9 1676.8 1679.9 1663.9 1663.9	1101		
01S/08W-16F01 S 19			1062.0	12/01/72 4/11/73		231.0 224.8	831.0 837.2	1101	01N/08W-25001 S			1831.7	1/23/73 7/19/73	NM-0 NM-0		1101		
01S/08W-17K01 S 19			1015.0	12/01/72 1/01/73 2/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		394.2(5) 387.0(5) 387.0(5) 395.0(5) 381.0(5) 421.9(1) 440.4(1) 447.1(1) 458.9(1) 472.7	620.8 628.0 628.0 620.0 634.0 593.1 574.6 567.9 556.1 542.3	1101	01N/08W-26P01 S			1740.3	12/08/72 1/15/73 2/08/73 3/09/73 4/04/73 5/08/73 7/11/73 8/22/73 9/06/73	269.9 271.9 270.8 278.2 269.7 267.0 211.5 230.2 236.7	1470.4 1468.4 1469.5 1462.1 1470.6 1473.3 1528.8 1510.1 1503.6	1101		
01S/08W-17K02 S 19			999.4	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73		502.5(1) 499.0(1) 412.6(5) 407.9(5) 488.8(1) 407.9(5) 398.7(5)	596.9 500.4 587.0 591.7 510.8 591.7 600.9	1101	01N/08W-34A01 S 19			1670.0	12/07/72	223.7	1446.3	1101		



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CLAREMONT HEIGHTS HYDRO SUBAREA							Y-01 Y-01.8 Y-01.83	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SURUNIT CLAREMONT HEIGHTS HYDRO SUBAREA							Y-01 Y-01.8 Y-01.83
01N/08W-34A01 S 19			1670.0	4/09/73	226.1	1443.9	1101	01S/08W-02F01 S 36			1470.0	11/30/72	231.0	1239.0	3719
01N/08W-34A02 S 19			1648.0	3/09/73	215.1	1432.9	1101	(CONTINUED)				1/30/73	168.5	1301.5	
				4/04/73	219.0	1429.0						2/28/73	167.0	1303.0	
				5/09/73	226.2	1421.8						3/31/73	168.5	1301.5	
				6/01/73	220.0	1428.0						4/30/73	166.0(1)	1304.0	
				8/22/73	199.0	1449.0						8/29/73	156.0	1314.0	
				9/06/73	207.0	1441.0						9/29/73	158.0	1312.0	
01N/08W-34A03 S 19			1635.0	12/01/72	283.8	1351.2	1101	01S/08W-03A01 S 19			1511.8	12/01/72	210.0	1301.8	1101
				3/09/73	173.9	1461.1						4/09/73	202.2	1309.6	
				4/04/73	272.1	1362.9		01S/08W-03F01 S 19			1372.0	12/01/72	140.4(5)	1231.6	1101
				5/09/73	273.1	1361.9						3/15/73	126.6(5)	1245.4	
				6/01/73	272.1	1362.9						4/15/73	131.2(5)	1240.4	
				8/22/73	271.8	1363.2						5/15/73	117.3(5)	1254.7	
				9/06/73	237.0	1398.0						6/15/73	124.2(5)	1247.4	
01N/08W-34H01 S 19			1589.0	12/07/72	259.9	1329.1	1101					7/15/73	184.3(5)	1187.7	
				4/09/73	246.2	1342.8						8/15/73	185.5(5)	1186.5	
01N/08W-34K01 S 19			1513.0	12/01/72	212.0	1306.0	1101	01S/08W-03F02 S 19			1374.5	10/15/72	258.9(1)	1115.6	1101
				4/09/73	219.4	1298.6						11/15/72	257.8(1)	1116.7	
01N/08W-34L01 S 19			1503.0	12/01/72	184.5	1318.5	1101					12/01/72	171.2(5)	1203.3	
01N/08W-35F01 S 36			1631.0	12/07/72	322.1	1308.9	1101					1/15/73	256.6(1)	1117.4	
01N/08W-35J01 S 36			1618.0	10/31/72	451.0(1)	1167.0	1101					2/15/73	258.9(1)	1115.6	
				11/30/72	344.0	1274.0						3/15/73	223.1(1)	1151.4	
				12/29/72	324.0	1294.0						4/15/73	143.5(5)	1231.0	
				1/31/73	316.0	1302.0						5/15/73	187.3(1)	1187.2	
				2/28/73	311.5	1306.5						6/15/73	203.5(1)	1171.0	
				3/31/73	306.5	1311.5						7/15/73	210.4(1)	1164.1	
				4/30/73	309.0	1309.0						8/15/73	222.0(1)	1152.5	
				5/29/73	313.0	1305.0						9/15/73	224.3(1)	1150.2	
				6/29/73	307.0	1311.0		01S/08W-03F03 S 19			1377.5	10/15/72	239.5(1)	1138.0	1101
				7/30/73	382.0	1236.0						11/15/72	237.8(1)	1139.7	
				8/31/73	381.0	1237.0						12/01/72	177.1(5)	1200.4	
				9/30/73	386.0	1232.0						1/15/73	237.2(1)	1140.3	
01N/08W-35K01 S 36			1638.0	10/31/72	452.0(1)	1186.0	1101					2/15/73	339.5(1)	1038.0	
				11/30/72	365.0	1273.0						3/15/73	225.6(1)	1151.4	
				12/29/72	333.0	1305.0						4/15/73	155.2(5)	1222.3	
				1/31/73	326.5	1311.5						5/15/73	197.9(1)	1179.4	
				2/28/73	320.0	1318.0						6/15/73	207.1(1)	1170.4	
				3/31/73	317.5	1320.5						7/15/73	211.8(1)	1165.7	
				4/30/73	316.0	1322.0						8/15/73	216.4(1)	1161.1	
				5/29/73	322.0	1316.0						9/15/73	218.7(1)	1158.8	
				6/29/73	316.0	1322.0		01S/08W-03G04 S 19			1442.0	10/04/72	153.8	1288.2	1101
				7/30/73	292.0	1346.0						11/06/72	153.5	1288.5	
				8/31/73	278.0	1360.0						12/13/72	152.1	1289.4	
				9/30/73	348.0(1)	1290.0						1/11/73	152.0	1290.0	
01N/08W-35K02 S 36			1635.0	10/31/72	452.0(1)	1183.0	4748					2/06/73	150.8	1291.2	
				11/30/72	365.0	1270.0						3/09/73	145.0	1297.0	
				12/29/72	333.0	1302.0						4/04/73	139.5	1302.5	
				1/31/73	326.5	1308.5						5/08/73	134.9	1307.1	
				2/28/73	320.0	1315.0						6/01/73	133.4	1308.2	
				3/31/73	317.5	1317.5						7/11/73	141.1	1300.9	
				4/30/73	316.0	1319.0						8/22/73	141.5	1300.5	
				5/29/73	322.0	1313.0						9/06/73	139.2	1302.4	
				6/29/73	316.0	1319.0		01S/08W-03J01 S 19			1411.2	12/01/72	120.8	1290.4	1101
				7/30/73	292.0	1343.0						4/09/73	111.5	1299.7	
				8/29/73	284.0	1351.0		CHICAMONGA HYDRO SUBAREA							Y-01.44
01N/08W-36D01 S			1760.0	12/29/72	333.0	1427.0	1101	01N/07W-27001 S 36			1575.0	12/06/72	248.9	1326.1	5101
				1/31/73	326.5	1433.5						1/03/73	239.5	1335.5	
				2/28/73	320.0	1440.0						2/07/73	224.9	1350.1	
				3/31/73	317.5	1442.5						3/07/73	229.0	1346.0	
				4/30/73	316.0	1444.0						4/06/73	235.7	1339.3	
				5/29/73	322.0	1438.0						5/03/73	230.6	1344.4	
				6/29/73	316.0	1444.0						9/13/73	220.0	1354.0	
				8/31/73	284.0	1476.0		01N/07W-27002 S 36			1560.0	10/00/72	279.0(1)	1281.0	4702
01S/08W-02R02 S 36			1550.0	10/31/72	268.0	1282.0	1101					11/00/72	237.0	1323.0	
				11/30/72	262.0	1288.0						12/00/72	227.0	1333.0	
				12/29/72	253.0	1297.0						1/00/73	227.0	1333.0	
			1549.3	1/30/73	249.3	1300.0	3719					2/00/73	224.0	1336.0	
			1550.0	2/28/73	245.0	1305.0	1101					3/00/73	221.0	1339.0	
			1549.3	3/31/73	240.3	1309.0	3719					4/00/73	221.0	1339.0	
			1550.0	4/30/73	241.0	1309.0	1101					5/00/73	221.0	1339.0	
			1549.3	5/30/73	243.3	1306.0	3719					6/00/73	247.0(1)	1293.0	
			1550.0	6/30/73	230.5	1319.5	1101					7/00/73	223.0	1337.0	
				7/30/73	226.0	1324.0						8/00/73	222.0	1338.0	
			1549.3	8/29/73	229.3(1)	1320.0	3719					9/00/73	224.0	1336.0	
				9/29/73	234.3(1)	1315.0		01N/07W-29F01 S 36			1839.9	10/31/72	333.5	1506.4	1101
01S/08W-02D01 S			1481.8	1/23/73	NM-0		1101					11/30/72	333.5	1506.4	
01S/08W-02D02 S 36			1476.1	10/30/72	188.5	1287.6	1101					12/29/72	332.0	1508.4	4748
				11/10/72	189.6	1286.5						1/31/73	331.4	1508.4	1101
				12/08/72	180.0	1296.1						2/28/73	334.0	1506.4	4748
				1/15/73	177.9	1298.2						3/31/73	331.5	1508.4	1101
				2/08/73	176.1	1300.0						4/30/73	323.0	1517.4	4748
				3/09/73	174.0	1302.1						5/29/73	316.5	1523.4	1101
				4/04/73	172.4	1303.7						6/29/73	331.0	1509.4	4748
				5/08/73	178.0(2)	1298.1						7/30/73	325.5	1514.4	1101
				6/06/73	171.3	1304.8						8/29/73	310.0	1530.4	4748
				7/06/73	171.2	1304.9						9/30/73	313.5	1526.4	1101
				8/22/73	176.0(2)	1300.1		01N/07W-29R03 S 36			1702.3	10/31/72	347.0	1355.3	4748
01S/08W-02F01 S 36			1470.0	10/31/72	170.0	1300.0	3719					11/30/72	347.0	1355.3	
												12/29/72	343.0	1359.3	
												1/31/73	341.0	1361.3	
												2/28/73	336.0	1366.3	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CUCAMONGA HYDRO SUBAREA Y-01 Y-01.8 Y-01.84								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CUCAMONGA HYDRO SUBAREA Y-01 Y-01.8 Y-01.84							
01N/07W-29R03 S 36			1702.3	3/31/73	331.0	1371.3	4748	01S/07W-04A01 S 36			1422.0	8/00/73	212.1	1209.9	4702
(CONTINUED)				4/30/73	324.0	1378.3		(CONTINUED)				9/00/73	214.1	1207.9	
				5/29/73	322.0	1380.3						10/00/73	180.0(1)	1248.2	4702
				6/29/73	323.0	1379.3		01S/07W-04R01 S 36			1428.2	11/00/73	184.0(1)	1244.2	
				7/30/73	320.0	1382.3						12/00/73	138.0	1290.2	
				8/29/73	319.0	1383.3						1/00/73	140.0(1)	1288.2	
01N/07W-29R04 S 36			1684.4	10/31/72	344.3	1340.1	4748					2/00/73	137.0(1)	1291.2	
				11/30/72	343.8	1340.6						3/00/73	112.0	1316.2	
				12/29/72	339.8	1344.6						4/00/73	106.0	1322.2	
				1/31/73	335.8	1348.6						5/00/73	105.0	1323.2	
				2/28/73	331.8	1352.6						6/00/73	135.0(1)	1293.2	
				3/31/73	326.8	1357.6						7/00/73	134.0(1)	1294.2	
				4/30/73	323.8	1360.6						8/00/73	122.0	1306.2	
				5/29/73	321.8	1362.6						9/00/73	102.0	1326.2	
				6/29/73	323.8	1360.6		01S/07W-04R02 S 36			1428.2	10/00/73	167.8(1)	1260.4	4702
				7/30/73	321.8	1362.6						11/00/73	161.8(1)	1266.4	
				8/29/73	340.8	1343.6						12/00/73	134.8	1293.4	
01N/07W-32R02 S 36			1490.0	10/31/72	179.8	1310.2	4748					1/00/73	140.8(1)	1287.4	
				11/30/72	179.8	1310.2						2/00/73	128.8(1)	1299.4	
				12/29/72	170.6	1319.4						3/00/73	110.8	1317.4	
				1/31/73	138.9	1351.1						4/00/73	103.8	1324.4	
				2/28/73	156.7	1333.3						5/00/73	100.8	1327.4	
				3/31/73	156.7	1333.3						6/00/73	137.8(1)	1290.4	
				4/30/73	163.6(1)	1326.4						7/00/73	137.8(1)	1290.4	
				5/29/73	161.3	1328.7						8/00/73	134.8(1)	1293.4	
				6/29/73	170.6	1319.4						9/00/73	102.8	1325.4	
				7/30/73	170.6(1)	1319.4		01S/07W-04R03 S 36			1451.8	10/00/73	214.3(1)	1237.5	4702
				8/29/73	175.2(1)	1314.8						11/00/73	203.3(1)	1248.5	
01N/07W-32R03 S 36			1496.0	10/31/72	182.0	1314.0	4748					12/00/73	192.3(1)	1259.5	
				11/30/72	182.0	1314.0						1/00/73	151.3	1300.5	
				12/29/72	175.0	1321.0						2/00/73	180.3(1)	1271.5	
				1/31/73	170.0	1326.0						3/00/73	172.3(1)	1279.5	
				2/28/73	164.0	1332.0						4/00/73	122.3	1329.5	
				3/31/73	155.0	1341.0						5/00/73	127.3	1324.5	
				4/30/73	155.0	1341.0						6/00/73	184.3(1)	1267.5	
				5/29/73	157.0	1339.0						7/00/73	183.3(1)	1268.5	
				6/29/73	162.0	1334.0						8/00/73	181.3(1)	1270.5	
				7/30/73	159.0	1337.0						9/00/73	126.3	1325.5	
				8/29/73	160.0	1336.0		01S/07W-04F02 S 36			1395.9	10/00/73	114.8	1281.1	4702
01N/07W-33A01 S 36			1541.5	10/31/72	235.6	1305.9	3719					11/00/73	101.8	1294.1	
				11/30/72	235.6	1305.9						12/00/73	96.8	1299.1	
				12/29/72	235.6	1305.9						1/00/73	84.8	1311.1	
				1/30/73	230.1	1311.4						2/00/73	77.8	1318.1	
				2/28/73	227.6	1313.9						3/00/73	70.8	1325.1	
				3/31/73	207.6	1333.9						4/00/73	84.8	1311.1	
				4/30/73	191.6	1349.9						5/00/73	78.8	1317.1	
				5/30/73	184.6	1356.9						6/00/73	85.8	1310.1	
				6/30/73	164.6	1376.9						7/00/73	86.8	1309.1	
				7/30/73	162.6	1378.9						8/00/73	84.8	1311.1	
				8/29/73	234.6(1)	1306.9						9/00/73	69.8	1326.1	
				9/29/73	239.6(1)	1301.9		01S/07W-04F03 S 36			1417.4	10/31/73	138.0	1279.4	4748
01N/07W-33N01 S 36			1488.2	10/31/72	184.0	1304.2	4748					11/30/73	138.0	1279.4	
				11/30/72	184.0	1304.2						12/29/73	136.0	1281.4	
				12/29/72	176.0	1312.2						1/31/73	113.0	1304.4	
				1/31/73	171.5	1316.7						2/28/73	105.0	1312.4	
				2/28/73	165.0	1323.2						3/31/73	96.0	1321.4	
				3/31/73	168.0(1)	1320.2						4/30/73	105.0	1312.4	
				4/30/73	175.0(1)	1313.2						5/29/73	104.0(1)	1313.4	
				5/29/73	173.0(1)	1315.2						6/29/73	110.0(1)	1307.4	
				6/29/73	170.0	1318.2						7/30/73	109.0(1)	1308.4	
				7/30/73	165.0	1323.2						8/29/73	102.0	1315.4	
				8/29/73	166.0	1322.2		TAMASCAL HYDRO SUBAREA Y-01.85							
01N/07W-33N03 S 36			1490.0	10/31/72	183.5	1306.5	4748	03S/06W-06K02 S 33			629.0	10/04/72	40.1	588.9	5103
				11/30/72	183.0	1307.0						11/10/72	40.2	588.8	
				12/29/72	175.0	1315.0						12/07/72	40.3	588.7	
				1/31/73	170.0	1320.0						1/03/73	40.4	588.6	
				2/28/73	166.0	1324.0						2/09/73	40.4	588.6	
				3/31/73	156.0	1334.0						3/05/73	40.2	588.8	
				4/30/73	154.0	1336.0						4/04/73	40.1	588.9	
				5/29/73	175.0(1)	1315.0						5/18/73	39.8	589.2	
				6/29/73	187.0	1303.0						6/08/73	39.7	589.3	
				7/30/73	165.0	1325.0						7/10/73	39.7	589.3	
				8/29/73	162.0	1328.0						8/08/73	39.7	589.3	
01N/07W-33P01 S 36			1485.0	10/31/72	183.0	1302.0	4748					9/06/73	39.8	589.2	
				11/30/72	183.0	1302.0		03S/06W-28A02 S 33			677.2	12/07/72	44.9	632.3	5719
				12/29/72	176.0	1309.0						11/15/72	81.7	617.3	5103
				1/31/73	170.0	1315.0						12/07/72	80.9	618.1	
				2/28/73	164.0	1321.0						1/04/73	83.2(2)	615.8	
				3/31/73	157.0	1328.0						2/09/73	79.9	619.1	
				4/30/73	159.0	1326.0						3/07/73	79.4	619.6	
				5/29/73	156.0	1329.0						5/21/73	81.8(2)	617.2	
				6/29/73	189.0(1)	1296.0						7/11/73	81.8	617.2	
				7/30/73	185.0(1)	1300.0						8/09/73	85.3(2)	613.7	
				8/29/73	184.0(1)	1301.0						9/07/73	86.6(2)	612.4	
01S/07W-04A01 S 36			1422.0	10/00/72	269.1(1)	1152.9	4702	03S/06W-28L03 S 33			673.0	11/22/72	49.6(4)	623.4	5719
				11/00/72	227.1	1194.9						11/27/72	52.0	622.8	5719
				12/00/72	217.1	1204.9						4/27/73	50.2	624.6	
				1/00/73	217.1	1204.9		03S/06W-28M01 S 33			665.7	11/27/72	46.1	619.6	5719
				2/00/73	214.1	1207.9						4/27/73	45.0(2)	620.7	
				3/00/73	211.1	1210.9		03S/06W-28M02 S 33			666.1	11/27/72	47.0	619.1	5719
				4/00/73	211.1	1210.9									
				5/00/73	211.1	1210.9									
				6/00/73	266.1(1)	1155.9									
				7/00/73	213.1	1208.9									

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**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT ARLINGTON HYDRO SUBAREA							Y-01 Y-01.B Y-01.B6	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.B Y-01.B7
03S/05W-17001 S 33			892.4	3/30/73	49.7	842.7	5103	01S/04W-28L02 S 36			940.0	7/06/77	81.0(1)	859.0	5783
(CONTINUED)				4/27/73	50.3	842.1	5719	(CONTINUED)				8/03/77	81.4(1)	858.6	
03S/05W-19F03 S 33			832.7	11/27/72	3.9	828.8	5719	01S/04W-28M01 S 36			935.0	1/20/72	73.5	861.5	5719
03S/05W-19F04 S 33			834.2	11/27/72	7.7	826.5	5719					4/17/73	48.8	886.2	
				4/27/73	9.4	824.8		01S/04W-28N05 S 36			927.0	10/06/72	87.2(1)	839.8	5783
03S/05W-19P01 S			903.0	11/27/72	12.0	891.0	5719					11/03/72	90.1(1)	836.9	
				4/30/73	DRY							12/21/72	71.5	855.5	5719
03S/05W-19P02 S			908.9	11/27/72	DRY		5719					1/05/73	68.3	858.7	5783
				4/30/73	DRY							2/02/73	71.2	855.5	
03S/05W-19P03 S			910.3	11/27/72	NM-7		5719					3/30/77	49.9	877.1	5719
				4/30/73	NM-7							4/30/73	78.0(1)	849.0	5783
03S/06W-03L01 S			802.0	11/15/72	15.7	786.3	5103					6/08/73	52.0	875.0	
				12/07/72	15.7	786.3		01S/04W-28P01 S 36			994.0	11/21/72	111.4	882.6	5719
				1/04/73	16.0	786.0						4/17/73	110.1	883.9	
				2/14/73	16.8	785.2		01S/04W-29H01 S 36			932.0	10/06/72	109.4(1)	822.6	5725
				3/07/73	17.1	784.9						11/27/72	71.4	860.6	
				6/12/73	17.3	784.7						12/18/72	65.8	866.2	
				7/11/73	18.1	783.9						2/20/77	95.8(1)	836.2	
				8/09/73	17.8	784.2						4/01/77	83.2(1)	848.8	
				9/07/73	16.8	785.2						7/01/73	51.8	880.2	
03S/06W-10G01 S			742.6	12/07/72	11.6	731.0	5719					9/10/73	89.1(1)	842.9	
				4/26/73	11.2	731.4		01S/04W-29H02 S 36			937.1	10/16/72	74.2	862.9	5725
03S/06W-13A01 S 33			756.7	11/15/72	49.3(2)	707.4	5103					11/06/72	72.8	864.3	
				12/07/72	48.8(2)	707.9						12/04/72	73.3	863.8	
				1/04/73	48.3(2)	708.4						1/02/73	62.0	875.1	
				2/14/73	47.4(2)	709.3						2/05/73	62.3	874.8	
				3/07/73	46.8(2)	709.9						3/05/77	65.3	871.8	
				5/21/73	45.6(2)	711.1						4/01/77	51.3	885.8	
				7/11/73	47.2(2)	709.5						5/08/73	55.7	881.4	
				8/09/73	46.9(2)	709.8						6/11/73	53.3	883.8	
				9/07/73	46.9(2)	709.8						7/01/73	52.1	885.0	
03S/06W-13B01 S			754.0	12/07/72	NM-1		5719					8/06/73	53.7	883.4	
03S/06W-13B02 S 33			755.0	12/07/72	50.1	704.9	5719					9/01/73	55.1	882.0	
				5/25/73	46.1(2)	708.9		01S/04W-29001 S 36			924.5	10/24/72	70.9	853.6	5725
03S/06W-13F05 S 33			716.9	12/07/72	39.6(4)	677.3	5719					11/06/72	70.8	853.7	
				5/25/73	39.5(4)	677.4						12/04/72	72.5	852.0	
03S/06W-13M03 S 33			717.8	12/07/72	40.0	677.8	5719					1/22/77	63.7	860.8	
				5/25/73	38.7(4)	679.1						2/05/73	63.4	861.1	
03S/06W-22K01 S 33			684.7	12/07/72	40.7	644.0	5719					3/05/77	45.1	879.4	
				5/25/73	40.9	643.8						4/16/73	47.9	876.6	
03S/06W-22L03 S 33			685.8	12/07/72	41.0	644.8	5719					5/27/73	46.2	878.3	
				5/25/73	39.6	646.2		01S/06W-29003 S 36			928.0	6/11/77	46.1	878.4	
03S/06W-23H01 S			748.4	12/07/72	60.8	687.6	5103					7/01/73	48.8	875.7	
				1/04/73	60.0	688.4						8/06/77	48.7	875.8	
				2/14/73	58.7	689.7						9/01/77	49.4	875.1	
				3/07/73	57.9	690.5						10/24/72	72.1	855.9	5725
				5/21/73	58.3	690.1						1/06/72	72.4	855.6	
				6/12/73	59.4	689.0						2/04/72	75.3	852.7	
				7/11/73	61.0	687.4						1/02/77	62.8	865.2	
				8/09/73	61.8	686.6						2/05/73	63.5	864.5	
				9/07/73	62.1	686.3						3/05/77	61.9	866.1	
03S/06W-24G01 S 33			804.6	3/30/73	7.3	797.3	5103					4/01/77	47.1	880.9	
03S/06W-24P02 S 33			796.0	12/01/72	20.6	775.4	5719					5/08/77	52.8	875.2	
03S/06W-24001 S 33			811.7	11/15/72	5.6	806.1	5103					6/11/73	54.1	873.9	
				12/01/72	5.8	805.9	5719					7/01/73	56.0	872.0	
				1/04/73	6.1	805.6	5103					8/06/77	55.3	872.7	
				2/14/73	5.7	806.0		01S/04W-29004 S 36			928.0	9/01/77	56.8	871.2	
				3/07/73	6.0	805.7						10/24/72	72.1	855.9	5725
				4/26/73	5.4	806.3	5719					1/06/72	72.4	855.6	
				6/12/73	6.0(4)	805.7	5103					2/04/72	75.3	852.7	
				7/11/73	5.9	805.8						1/02/77	62.8	865.2	
				8/09/73	6.0	805.7						2/05/73	63.5	864.5	
				9/07/73	6.0(4)	805.7						3/05/77	61.9	866.1	
RIVERSIDE HYDRO SUBAREA							Y-01.B7								
01S/04W-28L01 S 36			941.0	10/06/72	74.0	867.0	5783								
				11/03/72	74.0	867.0									
			940.0	12/21/72	76.1	863.9	5719								
			941.0	1/05/73	73.0	868.0	5783								
				2/02/73	70.0	871.0									
			940.0	3/30/73	62.0	878.0	5719								
			941.0	4/30/73	57.7	883.3	5783								
				6/08/73	57.2	883.8									
				7/06/73	61.0	880.0									
				8/03/73	60.9	880.1									
01S/04W-28L02 S 36			940.0	10/06/72	89.0(1)	851.0	5783								
				11/03/72	89.0(1)	851.0									
				1/05/73	90.0(1)	850.0									
				2/02/73	88.6(1)	851.4									
				3/30/73	82.4(1)	857.6									
				4/30/73	57.1	882.9									
				6/08/73	76.1(1)	863.9									
01S/04W-28L02 S 36			940.0	10/06/72	89.0(1)	851.0	5783								
				11/03/72	89.0(1)	851.0									
				1/05/73	90.0(1)	850.0									
				2/02/73	88.6(1)	851.4									
				3/30/73	82.4(1)	857.6									
				4/30/73	57.1	882.9									
				6/08/73	76.1(1)	863.9									

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA								
Y-01 Y-01.8 Y-01.87								Y-01 Y-01.8 Y-01.87								
01S/04W-32F07 S 36			905.6	11/22/72 4/18/73	53.0 39.8(2)	852.6 865.8	5719	01S/05W-36C11 S 36			876.0	4/03/73	49.5	826.5	5101	
01S/04W-32E10 S 36			906.0	12/21/72 3/30/73	50.6 40.9	855.4 865.1	5719	02S/04W-05C01 S 36			976.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	156.3(1) 131.9 130.1 128.3 125.8 124.0 122.0 121.2 122.2 123.0 122.5 122.8	819.7 844.1 845.9 847.7 850.2 852.0 854.0 854.8 853.8 853.0 853.5 853.2	3847	
01S/04W-32E11 S			906.0	5/01/73	NM-1		5719	02S/04W-05F01 S 36			983.5	11/22/72 4/18/73	140.0 135.1	843.5 848.4	5719	
01S/04W-32E12 S			903.0	11/22/72 4/18/73	DRY NM-9		5719	02S/04W-05N01 S 36			946.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/18/73 6/08/73 7/06/73 8/03/73	111.3(1) 110.0(1) 103.9 102.7 99.2 104.6(1) 109.0(1) 105.4(1) 110.6(1)	834.7 836.0 842.1 843.3 846.8 841.4 837.0 840.6 835.4	5783	
01S/04W-32G04 S 36			917.8	11/22/72 4/18/73	62.0 42.3	855.8 875.5	5719	02S/04W-06K02 S 36			920.4	11/22/72 4/18/73	78.5 70.5	841.9 849.9	5719	
01S/04W-32M01 S 36			935.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/18/73 6/08/73 7/06/73 8/03/73	70.5 72.8 68.9 67.3 66.9 60.9 66.5 67.4 67.5	864.5 862.2 866.1 867.7 868.1 862.8 868.5 867.6 867.5	5783	02S/04W-06R01 S 36			946.0	12/21/72 3/30/73	105.6 98.3	840.4 847.7	5719	
01S/04W-32O02 S 36			1011.3	11/22/72 1/18/73	164.4 152.3	846.9 859.0	5719	02S/04W-06R05 S 36			947.8	11/28/72 4/18/73	106.2 98.4	841.6 849.4	5719	
01S/04W-33R03 S 36			974.0	11/21/72 4/17/73	94.8 93.5	879.2 880.5	5719	02S/04W-06R06 S 36			943.9	11/28/72 4/18/73	102.3 94.7	841.6 849.2	5719	
01S/04W-33R05 S 36			940.0	10/06/72 11/03/72 12/21/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	69.9 71.1 71.9 72.0 71.6 68.3 69.0 62.6 62.0 61.9	870.1 868.9 872.6 868.0 868.4 876.2 871.0 877.4 878.0 878.1	5783	02S/04W-07L01 S 33			883.1	10/03/72 11/14/72 12/05/72 1/02/73 2/20/73 3/01/73 4/26/73 5/08/73 9/18/73	81.3 79.0 79.7 74.0 73.7 73.6 75.0 76.9 97.6(1)	801.8 804.1 803.4 809.1 809.4 809.5 808.1 806.2 785.5	5725	
01S/05W-23N01 S 36			1037.6	10/00/72	226.0(1)	811.6	4124	02S/04W-07N03 S 33			874.3	10/03/72 11/07/72 12/05/72 1/02/73 2/20/73 3/01/73 4/26/73 5/08/73 9/18/73	82.7 80.9 77.3 76.8 73.3 73.6 74.8 75.1 77.3	791.6 793.4 797.0 797.4 801.0 800.7 799.5 799.2 797.0	5725	
01S/05W-24E01 S 36			1070.0	11/29/72 4/18/73	231.3 225.7	838.7 844.3	5719	02S/04W-08F01 S 33			987.0	11/02/72 1/31/73 4/26/73	146.3 117.7 114.4	840.7 849.3 872.6	5725	
01S/05W-25A02 S 36			1009.0	12/05/72 4/19/73	155.7 155.0(4)	853.3 854.0	5719	02S/04W-08M01 S 33			1000.0	10/06/72 11/03/72 12/21/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	158.0 156.9 157.0 155.0 155.0 153.6 153.0 154.0 155.0 154.0	842.0 843.1 843.0 845.0 845.0 846.4 847.0 846.0 845.0 846.0	5783	
01S/05W-25A03 S 36			997.0	12/05/72	151.3	845.7	5719	02S/04W-08M02 S 33			983.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	144.0(1) 144.2(1) 139.0 138.7 137.2 138.6(1) 138.0(1) 139.0(1) 138.6(1)	839.0 838.8 844.0 844.3 845.8 844.4 845.0 844.0 844.4	5783	
01S/05W-25R02 S 36			999.4 998.9	11/22/72 4/19/73	174.6 145.6	824.8 853.3	5101 5719	02S/04W-18F01 S 33			907.9	12/05/72 5/01/73	105.2 95.3	802.7 812.6	5719	
01S/05W-25L02 S 36			940.0	11/28/72 4/19/73	97.2(4) 94.4	842.8 845.6	5719	02S/04W-19A01 S 33			994.0	11/24/72 5/01/73	178.2 179.0	815.8 815.0	5719	
01S/05W-25P04 S 36			880.0	11/22/72 4/18/73	31.9 28.3(2)	848.1 851.7	5719	02S/04W-19F01 S 33			938.5	11/24/72 5/01/73	130.8 129.3	807.7 809.2	5719	
01S/05W-33A01 S 36			1006.0	12/07/72 4/20/73	193.6 192.3	812.4 813.7	5719	02S/04W-19J02 S 33			1027.0	11/24/72 4/30/73	206.2 198.1	820.8 828.9	5719	
01S/05W-33A02 S 36			1005.8	12/06/72 4/20/73	193.3 190.5(2)	812.5 815.3	5719	02S/04W-19N02 S 33			955.5	12/05/72	147.6	807.9	5719	
01S/05W-33F01 S 36			1029.0	12/05/72 4/20/73	101.0 101.8	928.0 927.2	5719	02S/04W-19P01 S 33			997.7	12/05/72 4/30/73	182.8 182.1	814.9 815.6	5719	
01S/05W-34D01 S 36			995.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	194.0(1) 185.0 185.0 183.0 182.0 182.0 181.0 182.0 181.0 191.0(1) 189.0(1) 183.0	801.0 810.0 810.0 812.0 813.0 813.0 814.0 813.0 814.0 804.0 806.0 812.0	4124	02S/04W-29M01 S 33			1050.0	11/24/72	59.1	990.9	5719	
01S/05W-34L02 S 36			958.7	11/28/72 4/19/73	149.0 144.7(4)	809.7 814.0	5719									
01S/05W-34M01 S 36			951.2	11/28/72 4/19/73	139.0 136.3	812.2 814.9	5719									
01S/05W-35D01 S 36			967.0	11/22/72 12/06/72 2/07/73 3/07/73 4/03/73 5/03/73	145.2 145.7 141.3 140.5 139.7 139.6	821.8 821.3 825.7 826.5 827.3 827.4	5101									
01S/05W-35G02 S 36			920.0	12/05/72 4/19/73	100.8 89.9	819.2 830.1	5719									
01S/05W-35R01 S 36			887.0	11/22/72 4/03/73	68.4 59.5	818.6 827.5	5101									
01S/05W-36C11 S 36			876.0	11/02/72	55.8	820.2	5101									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.8 Y-01.87
02S/04W-29M01 S	33		1050.0	4/30/73	65.5	984.5	5719	02S/05W-12J01 S	33		849.2	11/10/72 12/06/72 1/03/73 2/09/73 3/05/73 5/18/73 6/08/73 7/10/73 8/08/73 9/06/73	50.7 49.5 49.4 45.2 44.9 44.5 44.5 44.4 45.1 43.8	798.5 799.7 799.8 804.0 804.3 804.7 804.7 804.8 804.1 805.4	5103
02S/05W-02C01 S	33		936.2	11/28/72 4/19/73	121.0 117.3	815.2 818.9	5719	02S/05W-12K02 S	33		836.2	11/02/72 1/02/73 3/01/73 4/26/73	105.3(1) 88.8(1) 96.9(1) 92.7	730.9 747.4 741.3 743.5	520R
02S/05W-02007 S	33		826.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/13/73 4/03/73 5/15/73 6/12/73 7/03/73 8/07/73 9/25/73	34.0 32.9 26.9 26.9 24.7 18.0 19.2 21.4 20.7 27.1 23.5 32.6(1)	792.0 793.1 799.1 799.1 801.3 808.0 806.8 804.6 805.3 798.9 802.5 793.4	5725	02S/05W-12P01 S	33		821.2	11/02/72 1/02/73 3/22/73 4/26/73	44.9 116.3(1) 27.2 40.9	778.3 706.9 796.0 782.1	520R
02S/05W-02R01 S	33		823.0	11/04/72 12/05/72 1/02/73 2/06/73 3/06/73 4/10/73 5/15/73 6/12/73 7/31/73 9/25/73	27.7 24.7 24.5 22.7 19.0 17.2 18.4 17.6 30.8(1) 28.7(1)	795.3 798.3 798.5 800.3 804.0 805.8 804.6 805.4 792.2 794.3	5725	02S/05W-13002 S	33		880.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/08/73 6/05/73 7/03/73 8/07/73 9/11/73	101.2 103.9 101.3 100.4 99.1 96.5 95.5 95.2 95.5 97.4 98.9 99.5	778.8 776.1 778.7 779.6 780.9 783.5 784.4 784.8 784.5 782.6 781.1 780.5	5725
02S/05W-02R02 S	33		823.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/27/73 4/10/73 5/15/73 6/12/73 7/03/73 9/25/73	33.1 32.8 24.3 24.0 22.2 15.9 16.8 18.0 17.0 25.4 21.3	789.9 790.2 798.7 799.0 800.8 807.1 806.2 805.0 806.0 797.6 801.7	5725	02S/05W-14001 S	33		802.0	11/09/72 12/06/72 1/03/73 2/05/73 3/05/73 5/18/73 6/08/73 8/08/73 9/05/73	20.1 19.0 19.1 17.9 15.0 14.2 14.0 14.9 14.1	781.9 783.0 782.9 784.1 787.0 787.8 788.0 787.1 787.9	5103
02S/05W-02P03 S	33		826.6	11/14/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 8/28/73	36.3 29.0 25.0 23.4 19.3 15.5 25.3 17.9 31.7(1)	790.3 797.6 801.6 803.2 807.3 811.1 801.3 808.7 794.9	5725	02S/05W-16G04 S	33		774.1	12/11/72 5/03/73	16.4 15.0(4)	757.7 759.1	5719
02S/05W-03A01 S	33		953.4	11/28/72 4/19/73	145.8 140.1	807.6 813.3	5719	02S/05W-17A01 S	33		815.0	10/06/72 11/10/72 12/06/72 1/03/73 2/09/73 3/05/73 4/05/73 5/18/73 6/08/73 8/08/73 9/06/73	70.2 69.9 69.6 69.3 69.0 68.8 68.3 68.1 68.1 68.0 67.9	744.8 745.1 745.4 745.7 746.0 746.2 746.7 746.9 746.9 747.0 747.1	5103
02S/05W-08G01 S	33		903.0	12/11/72 4/24/73	170.8(4) 167.9	732.2 735.1	5719	02S/05W-17A02 S	33		825.0	11/29/72 4/20/73	80.4 78.5	744.0 746.5	5719
02S/05W-08G04 S	33		903.7	12/11/72 4/24/73	193.4(4) 171.5	710.3 732.2	5719	02S/05W-17L01 S	33		853.0	11/29/72 4/20/73	52.6 52.4	800.4 800.4	5719
02S/05W-08K02 S	33		892.6	12/07/72 4/24/73	158.4 153.7	734.2 738.9	5719	02S/05W-20A02 S	33		752.3	11/09/72 12/06/72 1/02/73 2/05/73 3/02/73 5/17/73 6/07/73 7/06/73 8/08/73 9/05/73	10.3 10.1 10.5 10.2 9.9 10.0 10.4 10.1 10.1 10.2	742.0 742.2 741.8 742.1 742.4 742.7 741.9 742.2 742.2 742.1	5103
02S/05W-10G01 S	33		849.0	10/26/72 4/03/73	63.0(3) 58.0(3)	786.0 791.0	5101	02S/05W-20A03 S	33		780.0	4/03/73	NM-4		5101
02S/05W-10G07 S	33		842.0	11/24/72 4/23/73	60.5 55.3	781.5 786.7	5719	02S/05W-20J03 S	33		735.7	4/23/73	3.6	732.1	5719
02S/05W-10L05 S	33		867.7	11/24/72 4/23/73	88.3(4) 87.0	779.4 780.7	5719	02S/05W-20K01 S	33		767.0	11/29/72 4/23/73	31.8 31.4	735.2 735.2	5719
02S/05W-10P01 S	33		857.5	12/11/72 5/03/73	95.9 80.3(4)	761.6 777.2	5719	02S/05W-21F01 S	33		747.3	11/29/72 4/23/73	6.4 6.0	740.4 741.3	5719
02S/05W-11A01 S	33		824.8	11/07/72 12/05/72 1/02/73 2/26/73 3/06/73 4/03/73 5/15/73 6/12/73 7/24/73 8/07/73 9/25/73	38.7 23.1 22.8 21.0 17.4 15.2 17.1 16.2 15.8 18.0 17.8	786.1 801.7 802.0 803.8 807.4 809.6 807.7 808.6 809.0 806.8 807.0	5725	02S/05W-22P01 S	33		793.4	12/04/72 4/30/73	37.4(4) 27.8(4)	756.2 765.4	5719
02S/05W-11K02 S	33		814.8	11/09/72 12/06/72 1/03/73 2/05/73 3/02/73 5/18/73 6/08/73 7/10/73 8/08/73 9/05/73	24.8 22.2 22.7 20.6 16.8 15.3 15.4 15.5 16.4 12.4	790.0 792.6 792.1 794.2 798.0 799.5 799.4 799.3 798.4 802.4	5103	02S/05W-23F01 S	33		843.8	11/10/72 12/04/72 1/03/73 2/09/73 3/05/73 4/30/73 5/18/73 6/08/73 8/08/73 9/06/73	79.4 78.5 76.9 75.3 74.9 72.4 72.3 72.4 77.8 78.8	764.4 765.1 766.9 768.5 768.9 771.4 771.5 771.4 766.0 765.0	5103 5719 5103 5719 5103
02S/05W-12A01 S	33		836.8	11/27/72 1/02/73 3/01/73 4/26/73	106.2(1) 91.0(1) 114.9 101.5(1)	730.6 745.8 721.9 735.3	5208	02S/05W-23J01 S	33		869.4	11/22/72	106.9	762.5	520R

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT LAKE MATHEWS HYDRO SUBUNIT BEDFORD HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT UPPER LYTLE HYDRO SUBAREA							
						Y-01 Y-01.C Y-01.C2								Y-01 Y-01.D Y-01.O1	
04S/06W-35G01 S			956.0	8/05/73	50.5	905.5	5717	02N/06W-26L02 S 36			2754.1	3/01/73	45.0	2709.1	4706
(CONTINUED)				9/01/73	61.8(1)	894.2		(CONTINUED)				5/01/73	44.0	2709.1	
04S/06W-35G02 S 33			956.0	10/07/72	73.8(1)	882.2	5717					6/01/73	44.5	2709.6	
				11/04/72	43.8	912.2						7/01/73	44.0	2710.1	
				12/01/72	35.2	920.8						8/01/73	45.0	2709.1	
				1/05/73	31.8	924.2						9/01/73	45.5	2708.6	
				2/02/73	30.8	925.2		LOWER LYTLE HYDRO SUBAREA							
				3/02/73	27.5	928.5								Y-01.D2	
				4/06/73	25.0	931.0		01N/05W-06G01 S 36			2242.5	10/01/72	95.7(1)	2146.8	4706
				5/05/73	30.5(1)	925.5						11/01/72	95.2(1)	2147.1	
				6/02/73	43.4	912.6						12/01/72	95.4(1)	2147.1	
				7/07/73	49.1(1)	906.9						1/02/73	92.7(1)	2149.8	
				8/05/73	50.5(1)	905.5						2/01/73	88.4(1)	2154.1	
				9/01/73	61.8(1)	894.2						3/01/73	46.8	2195.7	
LEF LAKE HYDRO SUBAREA												4/01/73	45.1	2197.4	
						Y-01.C4						5/01/73	61.2	2181.3	
05S/05W-07C01 S			1095.0	10/07/72	23.5	1071.5	5717					6/01/73	68.5(1)	2174.0	
				11/04/72	24.0	1071.0						7/01/73	71.5(1)	2171.0	
				12/01/72	22.8	1072.2						8/01/73	79.9(1)	2162.6	
				1/05/73	13.7	1081.3						9/01/73	77.4	2165.1	
				2/02/73	12.3	1082.7		01N/05W-06K02 S 36			2153.0	10/01/72	99.6	2053.4	4706
				3/02/73	6.1	1088.9						11/01/72	99.6	2053.4	
				4/06/73	4.3	1090.7						12/01/72	99.6	2053.4	
				5/05/73	34.8	1060.2						1/02/73	99.6	2053.4	
				6/02/73	37.4	1057.6						2/01/73	99.6	2053.4	
				7/07/73	40.1	1054.9						3/01/73	55.8	2097.2	
				8/05/73	40.8(1)	1054.2						4/01/73	46.5	2104.5	
				9/01/73	31.5(1)	1063.5						5/01/73	65.0	2088.0	
05S/05W-08N01 S 33			1175.0	10/07/72	73.0(1)	1102.0	5717					6/01/73	67.3	2085.7	
				11/04/72	82.4(1)	1092.6						7/01/73	69.6	2083.4	
				12/01/72	50.0	1125.0						8/01/73	81.2	2071.8	
				1/05/73	42.8	1132.2						9/01/73	90.8	2067.4	
				2/02/73	37.9	1137.1		01N/05W-07H01 S 36			2065.5	10/01/72	115.3	1950.2	4706
				3/02/73	33.2	1141.8						11/01/72	115.3	1950.2	
				4/06/73	30.4	1144.6						12/01/72	115.3	1950.2	
				5/05/73	63.3	1111.7						1/02/73	120.0	1945.5	
				6/02/73	69.3	1105.7						2/01/73	122.3	1941.2	
				7/07/73	71.5(1)	1103.5						3/01/73	83.0	1982.4	
				8/05/73	74.0(1)	1101.0						4/01/73	64.5	2001.1	
				9/01/73	89.0(1)	1086.0						5/01/73	76.1	1994.4	
05S/05W-08P01 S 33			1190.0	10/07/72	79.7(1)	1110.3	5717					6/01/73	89.9(1)	1975.6	
				11/04/72	80.9(1)	1109.1						7/01/73	94.5(1)	1971.0	
				12/01/72	59.8	1130.2						8/01/73	99.2(1)	1966.3	
				1/05/73	48.5	1141.5						9/01/73	110.7(1)	1954.4	
				2/02/73	45.0	1145.0		01N/05W-22C02 S 36			1591.5	10/01/72	287.1(1)	1304.4	4706
				3/02/73	41.8	1148.2						11/01/72	296.4(1)	1295.1	
				4/06/73	38.8	1151.2						12/01/72	291.8(1)	1299.7	
				5/05/73	64.8	1125.2						1/02/73	307.9(1)	1283.8	
				6/02/73	72.0	1118.0						2/01/73	310.2(1)	1281.1	
				7/07/73	70.3(1)	1119.7						3/01/73	264.0	1327.4	
				8/05/73	73.0(1)	1117.0						4/01/73	247.9	1343.4	
				9/01/73	81.5(1)	1108.5						5/01/73	234.0	1357.5	
TERRA COTTA HYDRO SUBAREA												6/01/73	234.8(1)	1356.7	
						Y-01.C5						7/01/73	271.0(1)	1320.4	
05S/04W-31F03 S 33			1275.0	10/19/72	27.1	1247.9	5103					8/01/73	289.4(1)	1302.1	
				4/09/73	24.2	1250.8						9/01/73	296.4(1)	1295.1	
05S/05W-36H02 S 33			1256.0	10/19/72	9.7	1246.3	5103	01N/05W-22F01 S 36			1596.5	10/01/72	326.4(1)	1270.1	4706
				4/09/73	6.1	1249.9						11/01/72	331.0(1)	1265.5	
05S/05W-36J01 S			1260.0	10/19/72	8.9	1251.1	5103					12/01/72	312.5(1)	1284.4	
				4/09/73	3.7	1256.3						1/02/73	296.4(1)	1300.1	
06S/04W-06G01 S 33			1270.0	10/19/72	17.5	1252.5	5103					2/01/73	206.4(1)	1340.1	
				11/17/72	17.7	1252.3						3/01/73	236.3	1360.2	
				12/14/72	17.7	1252.3						4/01/73	222.5	1374.1	
				1/08/73	17.7	1252.3						5/01/73	213.2	1383.3	
				2/16/73	17.2	1252.8						6/01/73	201.7	1394.8	
				3/09/73	16.8	1253.2						7/01/73	204.0	1392.5	
				4/09/73	16.6	1253.4						8/01/73	201.7	1394.8	
				5/22/73	16.7	1253.3						9/01/73	204.0	1392.5	
				6/14/73	16.8	1253.2		01N/05W-22F02 S 36			1583.0	10/01/72	277.1(1)	1305.3	4706
				7/13/73	17.4	1252.6						11/01/72	286.3(1)	1296.7	
				8/13/73	18.0	1252.0						12/01/72	281.7(1)	1301.4	
				9/11/73	18.4	1251.6						1/02/73	295.5(1)	1287.4	
COLTON-RIALTO HYDRO SUBUNIT UPPER LYTLE HYDRO SUBAREA												2/01/73	293.2(1)	1289.4	
						Y-01.D Y-01.D1						3/01/73	260.9	1322.1	
02N/06W-26L01 S 36			2760.0	10/01/72	34.0(1)	2726.0	4706					4/01/73	242.4	1340.4	
				11/01/72	33.5(1)	2726.5						5/01/73	228.6	1354.4	
				12/01/72	32.8(1)	2727.2						6/01/73	244.7(1)	1338.4	
				1/02/73	35.0(1)	2725.0						7/01/73	260.9(1)	1322.1	
				2/01/73	35.1(1)	2724.9						8/01/73	272.4(1)	1310.4	
				3/01/73	16.0	2744.0						9/01/73	281.7(1)	1301.3	
				4/01/73	16.0	2744.0		01N/05W-23P04 S 36			1470.0	10/00/72	167.0(1)	1303.0	4124
				5/01/73	16.0	2744.0						11/00/72	173.0(1)	1297.0	
				6/01/73	15.8	2744.2						12/00/72	173.0(1)	1297.0	
				7/01/73	31.7(1)	2728.3						1/00/73	151.0	1319.0	
				8/01/73	36.4(1)	2723.6						2/00/73	127.0(1)	1343.0	
				9/01/73	39.0(1)	2721.0						3/00/73	125.0(1)	1345.0	
02N/06W-26L02 S 36			2754.1	10/01/72	44.5	2709.6	4706					4/00/73	159.0(1)	1311.0	
				11/01/72	45.5	2708.6						5/00/73	154.0(1)	1316.0	
				12/01/72	46.0	2708.1						6/00/73	150.0(1)	1320.0	
				1/02/73	45.5	2708.6						7/00/73	156.0(1)	1314.0	
				2/01/73	45.0	2709.1						8/00/73	140.0	1330.0	
												9/00/73	170.0(1)	1300.0	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA		
SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT UPPER COLTON-RIALTO HYDRO SUBAREA								Y-01 Y-01.0 Y-01.03	SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA								Y-01 Y-01.0 Y-01.04
01N/05W-17G01 S 36			1850.0	10/00/72	68.0	1782.0	4124	01S/04W-18G01 S 36			1091.5	8/01/73	210.0	883.5	4201		
				11/00/72	68.0	1782.0		(CONTINUED)				9/04/73	206.0	887.5			
				12/00/72	68.0	1782.0		01S/04W-21K01 S 36			959.0	5/17/73	22.8	936.2	3230		
				1/00/73	68.0	1782.0						7/19/73	30.1	928.9			
				2/00/73	71.0	1779.0						9/13/73	40.1	918.9			
				3/00/73	70.0	1780.0		01S/04W-21L01 S 36			956.0	10/16/72	67.4	888.6	5725		
				4/00/73	57.0	1793.0						11/06/72	66.7	889.3			
				5/00/73	56.0	1794.0						12/04/72	68.2	887.4			
				7/00/73	53.0	1797.0						1/02/73	63.2	892.8			
				8/00/73	69.0	1781.0						2/05/73	63.4	892.6			
				9/00/73	58.0	1792.0						3/05/73	68.0	888.0			
01N/05W-17K01 S 36			1852.7	10/00/72	64.0	1788.7	4124					4/01/73	58.4	897.4			
				11/00/72	88.0	1764.7						5/08/73	58.3	897.7			
				12/00/72	88.0	1764.7						6/11/73	61.6	894.4			
				5/00/73	52.0	1800.7						7/01/73	61.3	894.7			
				7/00/73	68.0	1784.7						8/06/73	57.9	898.1			
01N/05W-17K02 S 36			1852.6	10/00/72	64.5	1788.1	4124					9/01/73	58.3	897.7			
				11/00/72	89.5(1)	1763.1		01S/04W-27L01 S 36			991.0	11/21/72	83.7	909.3	5719		
				12/00/72	89.5(1)	1763.1						4/17/73	81.0	912.0			
				1/00/73	61.5	1791.1		01S/04W-27N01 S 36			1015.0	11/21/72	111.5	903.5	5719		
				2/00/73	64.5	1788.1						4/17/73	111.6	903.4			
				3/00/73	66.5	1786.1		01S/04W-28A01 S 36			960.0	12/11/72	55.9	904.1	5719		
				4/00/73	50.5	1802.1						4/17/73	45.6	914.4			
				5/00/73	48.5	1804.1		01S/04W-28C01 S 36			948.0	10/16/72	60.9	887.1	5725		
				7/00/73	78.5(1)	1774.1						11/06/72	60.8	887.2			
				8/00/73	53.5	1799.1						12/04/72	60.5	887.5			
				9/00/73	55.5	1797.1						1/02/73	55.9	892.1			
01N/05W-18F02 S 36			1895.0	11/03/72	130.2	1764.8	5101					2/05/73	59.0	884.0			
				4/06/73	127.5	1767.5						3/05/73	55.7	892.3			
01N/06W-13N01 S			1675.0	11/03/72	189.6	1485.4	5101					4/01/73	51.4	896.6			
				4/06/73	189.0	1486.0						5/08/73	58.9	889.1			
COLTON-RIALTO HYDRO SUBAREA								Y-01.04					6/11/73	57.9	890.1		
01N/05W-28J01 S 36			1514.2	10/00/72	426.0	1088.2	4124					7/01/73	57.7	890.3			
				11/00/72	426.0	1088.2		01S/04W-28N01 S 36			942.1	10/16/72	60.6	881.4	5725		
				12/00/72	426.0	1088.2						11/06/72	59.6	882.4			
				1/00/73	427.0	1087.2						12/04/72	60.0	882.0			
				2/00/73	426.0	1088.2						1/02/73	57.0	885.0			
				3/00/73	427.0	1087.2						2/05/73	57.6	884.4			
				4/00/73	424.0	1090.2						3/05/73	57.4	884.6			
				5/00/73	422.0	1092.2						4/01/73	53.8	888.2			
				7/00/73	423.0	1091.2						5/08/73	56.2	885.4			
				8/00/73	421.0	1093.2						6/11/73	52.1	884.9			
				9/00/73	422.0	1092.2						7/01/73	52.2	889.4			
01N/05W-29A01 S			1627.0	10/13/72	426.1	1200.9	5101					8/06/73	55.3	886.7			
				11/10/72	427.8	1199.2						9/01/73	57.2	884.4			
				12/06/72	431.5	1195.5		01S/04W-29G01 S 36			954.0	11/22/72	54.8	899.2	5719		
				1/03/73	429.9	1197.1						4/17/73	49.2	904.8			
				2/07/73	424.8	1202.2		01S/04W-29K01 S 36			947.0	10/06/72	57.8	889.2	5781		
				3/07/73	431.5	1195.5						11/03/72	57.8	889.2			
				4/06/73	432.2	1194.8						1/05/73	53.8	893.2			
				5/03/73	434.0	1193.0						2/02/73	53.8	893.2			
				6/07/73	433.9	1193.1						3/30/73	67.0(1)	880.0			
				7/10/73	434.5	1192.5						4/30/73	53.6	893.4			
				8/02/73	438.5	1188.5						6/08/73	53.6	893.4			
				9/13/73	436.0	1191.0						7/06/73	55.9	891.1			
01S/04W-17M01 S 36			1068.5	12/11/72	188.7	879.8	5719					8/03/73	57.0	890.0			
				4/17/73	184.9	883.6		01S/04W-28K02 S 36			952.4	10/06/72	52.4	900.0	5781		
01S/04W-18R01 S 36			1135.3	10/21/72	238.0	897.3	4201					11/03/72	52.4	900.0			
				11/01/72	238.0	897.3						1/05/73	49.7	902.7			
				2/01/73	235.0	900.3						2/02/73	50.0	902.4			
				3/01/73	238.0	897.3						3/30/73	49.0	903.4			
				4/27/73	238.0	897.3						4/30/73	48.7	903.7			
				6/29/73	239.0	896.3						6/08/73	48.0	904.4			
				8/01/73	238.0	897.3						7/06/73	51.8	900.4			
				9/04/73	238.0	897.3						8/03/73	49.1	903.1			
01S/04W-18F01 S 36			1115.5	11/10/72	274.8	840.7	5101					10/00/72	322.0	965.0	4124		
				12/06/72	271.1	844.4						11/00/72	321.0	966.0			
				1/03/73	255.1	860.4						12/00/72	321.0	966.0			
				2/07/73	260.1	855.4						1/00/73	319.0	968.0			
				3/07/73	265.6(6)	849.9						2/00/73	319.0	968.0			
				4/03/73	230.6	884.9						3/00/73	319.0	968.0			
				5/03/73	263.8(6)	851.7						4/00/73	320.0	967.0			
				7/10/73	235.9	879.6						5/00/73	319.0	968.0			
				9/13/73	265.6	849.9						6/00/73	320.0	967.0			
01S/04W-18F01 S 36			1099.4	10/21/72	210.0	889.4	4201					7/00/73	318.0	969.0			
				11/01/72	210.0	889.4						8/00/73	317.0	970.0			
				2/01/73	209.0	890.4						9/00/73	321.0	966.0			
				3/01/73	209.0	890.4		01S/05W-04D02 S 36			1392.0	1/02/73	367.4	1024.6	4704		
				4/27/73	209.0	890.4						2/01/73	372.0	1020.0			
				5/30/73	202.0	897.4						3/01/73	376.0	1016.0			
				6/29/73	210.0	889.4						4/01/73	378.0	1014.0			
				8/01/73	210.0	889.4						5/01/73	378.0	1014.0			
				9/04/73	206.0	893.4						6/01/73	381.0	1011.0			
01S/04W-18G01 S 36			1093.5	10/21/72	210.0	883.5	4201					7/01/73	381.0	1011.0			
				11/01/72	210.0	883.5						8/01/73	381.0	1011.0			
				2/01/73	209.0	884.5						9/01/73	381.0	1011.0			
				3/01/73	209.0	884.5		01S/05W-05A02 S 36			1407.0	10/01/72	299.7	1107.3	4706		
				4/27/73	210.0	883.5											
				5/30/73	202.0	891.5											
				6/29/73	210.0	883.5											



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA							Y-01 Y-01.D Y-01.D4	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.F2
01S/05W-05A02 S 36			1407.0	11/01/72	311.3	1095.7	4706	01N/03W-30C02 S 36			1355.6	10/00/72	289.6	1066.0	4104
(CONTINUED)				12/01/72	306.7	1100.3						11/00/72	286.6	1069.0	
				1/02/73	299.7	1107.3						12/00/72	287.6	1068.0	
				2/01/73	290.5	1116.5						1/00/73	287.6	1068.0	
				3/01/73	283.6	1123.4						3/00/73	286.6	1069.0	
				4/01/73	281.3	1125.7						4/00/73	287.6	1068.0	
				5/01/73	281.3	1125.7						5/00/73	289.6	1066.0	
				6/01/73	274.3	1132.7						7/00/73	288.6	1067.0	
				7/01/73	278.9	1128.1						8/00/73	286.6	1069.0	
				8/01/73	281.3	1125.7						9/00/73	287.6	1068.0	
				9/01/73	283.6	1123.4									
01S/05W-05A03 S 36			1406.0	10/01/72	297.3	1108.7	4706	01N/03W-30N01 S 36			1234.7	10/00/72	250.7(1)	984.0	4104
				11/01/72	297.3	1108.7						11/00/72	249.7(1)	985.0	
				12/01/72	329.6(1)	1076.4						12/00/72	251.7(1)	983.0	
				1/02/73	320.4(1)	1085.6						1/00/73	253.7(1)	981.0	
				2/01/73	288.1	1117.9						3/00/73	254.7(1)	980.0	
				3/01/73	283.4	1122.6						4/00/73	254.7(1)	980.0	
				4/01/73	281.1	1124.9						5/00/73	257.2(1)	977.5	
				5/01/73	276.5	1129.5						7/00/73	257.7(1)	977.0	
				6/01/73	269.6	1136.4						8/00/73	255.7(1)	979.0	
				7/01/73	276.5	1129.5						9/00/73	257.7(1)	981.0	
				8/01/73	276.5	1129.5									
				9/01/73	276.5	1129.5		01N/03W-31C02 S			1210.0	10/00/72	NM-3		4104
01S/05W-12L01 S 36			1180.0	10/00/72	277.8(1)	902.2	4124					11/00/72	NM-3		
				11/00/72	255.8	924.2						12/00/72	NM-3		
				12/00/72	255.8	924.2						1/00/73	NM-3		
				1/00/73	272.8(1)	907.2						3/00/73	NM-3		
				2/00/73	253.8	926.2						4/00/73	NM-3		
				3/00/73	252.8	927.2						5/00/73	NM-3		
				4/00/73	252.8	927.2						7/00/73	NM-3		
				5/00/73	259.8	920.2						8/00/73	NM-3		
				6/00/73	262.8	917.2						9/00/73	NM-3		
				7/00/73	276.8(1)	903.2		01N/03W-31L03 S 36			1149.8	11/27/72	175.7	974.1	5051
				8/00/73	276.8(1)	903.2									
				9/00/73	275.8(1)	904.2		01N/03W-32C02 S 36			1270.0	11/16/72	262.8	1007.2	5051
01S/05W-12N01 S 36			1173.0	10/00/72	245.3	927.7	4124								
				11/00/72	244.3	928.7		01N/04W-06H01 S 36			1902.4	10/13/72	46.4	1856.0	3230
				12/00/72	244.3	928.7						11/14/72	46.6	1855.4	
				1/00/73	244.3	928.7						1/29/73	44.5	1857.3	
				2/00/73	243.3	929.7						3/15/73	35.5	1866.4	
				3/00/73	242.3	930.7						4/17/73	43.4(1)	1854.1	
				4/00/73	242.3	930.7						5/14/73	42.9(1)	1854.5	
				5/00/73	245.3	927.7						6/12/73	47.1	1855.3	
				6/00/73	252.3(1)	920.7						7/17/73	45.5	1856.4	
				7/00/73	244.3	928.7						8/15/73	46.0	1856.4	
				8/00/73	244.3	928.7						9/13/73	45.5	1856.4	
				9/00/73	240.3	932.7		01N/04W-06H02 S 36			1887.7	10/13/72	28.4	1859.1	3230
REACHE HYDRO SUBAREA							Y-01.D5					11/14/72	28.0	1859.7	
01S/04W-34R01 S 36			1075.0	11/10/72	120.7	954.3	5101					1/29/73	27.8	1859.9	
				1/03/73	125.8	949.2						3/15/73	28.7	1859.0	
				3/13/73	125.8(4)	949.2						4/17/73	29.6	1858.1	
				5/04/73	137.9	937.1						5/14/73	27.7	1860.0	
				6/08/73	135.9	939.1						6/12/73	27.6	1860.1	
				7/11/73	139.8	935.2						7/17/73	28.4	1859.1	
				8/01/73	131.8	943.2						8/15/73	28.1	1859.6	
				9/18/73	126.0(3)	949.0						9/13/73	27.9	1859.4	
01S/04W-34O01 S 36			1260.0	10/06/72	47.4	1212.6	5101	01N/04W-07F01 S 36			1622.0	10/13/72	200.0(1)	1422.0	3230
				11/10/72	50.0	1210.0						11/15/72	202.6(1)	1419.4	
				12/05/72	49.0	1211.0						12/29/72	184.1	1437.9	
				1/03/73	44.7	1215.3						1/29/73	183.2(2)	1438.8	
				2/03/73	45.6	1214.4						2/09/73	181.8	1440.2	
				3/13/73	43.0	1217.0						3/15/73	183.4	1458.6	
				4/05/73	42.3	1217.7						4/02/73	158.9	1463.1	
				5/04/73	45.3	1214.7						5/07/73	136.0	1486.0	
				6/08/73	45.9	1214.1						6/04/73	148.7(1)	1473.3	
				8/01/73	46.5	1213.5						7/02/73	154.1(1)	1467.9	
				9/18/73	46.0	1214.0						8/06/73	152.9(1)	1469.1	
												9/04/73	154.6(1)	1465.4	
02S/03W-18D02 S			1660.0	10/27/72	NM-8		5103	01N/04W-08H01 S 36			1529.8	10/13/72	198.5	1331.3	3230
				4/20/73	NM-1							11/14/72	201.0	1328.8	
02S/03W-18K01 S 33			1900.0	10/27/72	76.0	1824.0	5103					12/29/72	204.5	1325.3	
				4/20/73	72.7	1827.3						1/11/73	204.9	1324.9	
02S/03W-20N01 S 33			2000.0	10/27/72	53.9	1946.1	5103					2/05/73	203.5	1326.4	
				4/20/73	43.9	1956.1						3/12/73	168.7	1361.1	
02S/04W-12P02 S 36			1502.0	10/27/72	41.8	1460.2	5103					4/02/73	160.4	1369.4	
				4/20/73	40.7	1461.3						5/04/73	142.7	1387.1	
UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							Y-01.E Y-01.E2					6/04/73	133.9	1395.0	
01N/03W-28P01 S 36			1496.2	10/00/72	455.9(1)	1040.3	4104					7/02/73	131.8	1398.0	
				11/00/72	452.9(1)	1043.3						8/06/73	119.9	1409.4	
				12/00/72	457.9(1)	1038.3						9/04/73	115.5	1414.3	
				1/00/73	463.9(1)	1032.3		01N/04W-08P01 S 36			1476.7	10/26/72	195.1	1281.6	3230
				3/00/73	461.9(1)	1034.3						11/14/72	198.4	1278.3	
				4/00/73	463.9(1)	1032.3						12/29/72	201.1	1275.6	
				5/00/73	466.9(1)	1029.3						1/11/73	202.3	1274.4	
				7/00/73	465.9(1)	1030.3						2/05/73	204.3	1272.4	
				8/00/73	463.9(1)	1032.3						3/08/73	200.4	1276.3	
				9/00/73	461.9(1)	1034.3						4/02/73	193.2	1283.5	
01N/03W-29W01 S 36			1345.2	11/16/72	333.5	1011.7	5051					5/04/73	185.1	1291.6	
												6/04/73	173.9	1302.8	
01N/03W-29N01 S 36			1291.0	11/15/72	296.8	994.2	5051					7/02/73	166.8	1309.9	
												8/06/73	155.5	1321.2	
												9/04/73	145.6	1331.1	
								01N/04W-14P08 S 36			1409.1	11/27/72	15.6	1393.5	3230
												1/31/73	15.2	1393.9	
												3/15/73	14.0	1395.1	

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							
						Y-01 Y-01.E Y-01.E2								Y-01 Y-01.F Y-01.F2	
01N/04W-14P08 S 36			1409.1	5/15/73	14.5	1394.6	3230	01N/04W-25C02 S 36			1246.3	4/00/73	289.6(1)	956.7	4104
(CONTINUED)				7/16/73	15.9	1393.2		(CONTINUED)				5/00/73	291.6(1)	954.7	
				9/13/73	15.3	1393.8						7/00/73	292.6(1)	953.7	
01N/04W-16F01 S 36			1411.9	10/13/72	200.3(2)	1211.6	3230	01N/04W-25M03 S 36			1208.0	10/00/72	192.0	1016.0	4104
				11/15/72	195.2(2)	1216.7						11/00/72	192.0	1016.0	
				12/29/72	199.0	1212.9						12/00/72	195.0	1013.0	
				1/29/73	194.9(4)	1217.0						1/00/73	199.5	1008.5	
				2/09/73	203.7	1208.2						3/00/73	196.0	1012.0	
				3/16/73	206.3(4)	1205.6						4/00/73	198.0	1010.0	
				4/02/73	200.2	1211.7						5/00/73	199.0	1009.0	
				5/14/73	207.8(4)	1204.1						7/00/73	198.0	1010.0	
				6/06/73	203.1	1208.8						8/00/73	195.0	1013.0	
				7/18/73	208.4(4)	1203.5						9/00/73	193.0	1015.0	
				8/15/73	206.7(4)	1205.2									
				9/12/73	203.9(4)	1208.0									
01N/04W-16F02 S 36			1403.3	10/13/72	206.8(2)	1196.5	3230	01N/04W-25P04 S 36			1190.4	10/00/72	185.0	1005.4	4104
				11/15/72	204.1(2)	1199.2						11/00/72	184.0	1006.4	
				12/29/72	196.2	1207.1						12/00/72	186.0	1004.4	
				1/29/73	221.9(2)	1181.4						1/00/73	190.0	1000.4	
				2/09/73	201.3	1202.0						3/00/73	188.0	1002.4	
				3/16/73	227.7(4)	1175.6						4/00/73	190.0	1000.4	
				4/02/73	195.9	1207.4						5/00/73	192.0	998.4	
				5/14/73	202.1(4)	1201.2						7/00/73	192.0	998.4	
				6/06/73	200.7	1202.6						8/00/73	190.0	1000.4	
				7/18/73	203.6(4)	1199.7						9/00/73	188.0	1002.4	
				8/15/73	201.4(4)	1201.9									
				9/12/73	198.2(4)	1205.1		01N/04W-26F02 S 36			1236.2	10/12/72	265.9	970.3	3230
01N/04W-16F03 S 36			1407.0	10/13/72	199.4(2)	1207.6	3230					11/14/72	263.5	972.7	
				11/27/72	191.4	1215.6						12/27/72	261.5	974.7	
				12/29/72	197.2	1209.8						1/30/73	266.6	969.6	
				1/29/73	212.3(2)	1194.7						2/05/73	256.8	979.4	
				2/09/73	202.0	1205.0						3/14/73	260.2	976.0	
				3/16/73	201.7(2)	1205.3						4/02/73	253.3	982.9	
				4/02/73	199.2	1207.8						5/14/73	266.4(1)	964.4	
				5/14/73	202.4(4)	1204.6						6/06/73	256.3	979.4	
				6/06/73	201.5	1205.5						7/16/73	266.4(1)	969.4	
				7/18/73	204.0(2)	1203.0						8/06/73	265.3(1)	970.2	
				8/15/73	201.8(2)	1205.2						9/04/73	266.0(1)	970.2	
				9/12/73	198.8(2)	1208.2		01N/04W-26M01 S 36			1200.7	11/14/72	236.8	963.4	3230
01N/04W-16F04 S 36			1413.1	10/13/72	218.5(2)	1194.6	3230					3/14/73	225.0	975.7	
				11/15/72	219.9(2)	1193.2						5/15/73	225.0	975.7	
				12/29/72	200.8	1212.5						7/17/73	233.1	967.6	
				1/29/73	200.3(4)	1212.8						9/11/73	238.8(1)	961.9	
				2/09/73	205.3	1207.8		01N/04W-26N02 S 36			1193.7	11/14/72	228.4(1)	965.3	3230
				3/16/73	204.4(4)	1208.7						1/31/73	223.5(1)	970.2	
				4/02/73	201.8	1211.3						3/14/73	219.0(1)	974.7	
				5/07/73	203.0	1210.1						5/15/73	224.0(1)	964.7	
				6/04/73	233.1(1)	1180.0						7/17/73	228.7(1)	965.1	
				7/02/73	232.9(1)	1180.2						9/11/73	229.8(1)	963.4	
				8/06/73	232.1(1)	1181.0		01N/04W-26P03 S 36			1173.9	10/12/72	229.4	964.5	3230
				9/04/73	232.5(1)	1180.6						11/14/72	209.9	964.0	
01N/04W-20N01 S 36			1330.9	11/14/72	268.3	1062.6	3230					1/29/73	203.8	970.1	
				1/31/73	268.4	1062.5						3/14/73	199.8	974.1	
				3/16/73	271.5	1059.4						4/16/73	198.4	975.5	
				5/15/73	270.2	1060.7						5/14/73	200.5	973.4	
				9/13/73	273.1	1057.8						6/12/73	204.2	969.7	
01N/04W-21R02 S 36			1322.4	10/24/72	153.3	1169.1	3230					7/16/73	204.1(1)	933.4	
				11/14/72	155.4	1167.0						8/06/73	239.9(1)	934.0	
				12/29/72	159.6	1162.8						9/04/73	209.6	964.4	
				1/11/73	161.1	1161.3		01N/04W-27A01 S 36			1244.4	10/12/72	303.6(1)	960.8	3230
				2/05/73	163.0	1159.4						11/14/72	283.4(1)	961.0	
				3/08/73	163.8	1158.6						1/30/73	280.6(1)	963.8	
				4/02/73	163.3	1159.1						3/14/73	276.1(1)	968.3	
				5/04/73	164.3	1158.1						4/16/73	269.1(1)	975.1	
				6/06/73	166.1	1156.3						5/14/73	278.4(1)	966.0	
				7/05/73	166.7	1155.7						6/11/73	279.3(1)	965.1	
				8/08/73	166.9	1155.5						7/16/73	280.9(1)	963.5	
				9/07/73	165.9	1156.5						8/14/73	281.3(1)	963.1	
01N/04W-23K01 S			1294.4	5/17/73	198.9	1095.5	3230					9/12/73	281.7(1)	962.7	
				7/19/73	199.9	1094.5		01N/04W-27R01 S			1233.0	6/13/73	NM-3		3230
				9/13/73	198.2	1096.2						7/17/73	NM-3		
01N/04W-23M01 S			1294.8	11/15/72	293.6	1001.2	3230	01N/04W-27G01 S 36			1226.4	10/13/72	270.9	955.5	3230
				1/31/73	289.8	1005.0						11/15/72	271.5	954.9	
				3/15/73	284.5	1010.3						1/30/73	271.1(1)	955.3	
				5/15/73	280.6	1014.2						3/14/73	267.2	959.2	
				7/17/73	277.1	1017.7						4/16/73	264.2(1)	962.2	
				9/12/73	263.1	1031.7						5/14/73	269.1(1)	957.3	
01N/04W-25A01 S 36			1295.6	10/00/72	229.0	1066.6	4104					6/12/73	273.7(1)	952.7	
				11/00/72	224.0	1071.6						7/17/73	264.9	961.5	
				12/00/72	226.9	1068.7						8/14/73	267.1	954.3	
				1/00/73	229.0	1066.6						9/12/73	274.5(1)	951.4	
				3/00/73	227.0	1068.6		01N/04W-27M01 S 36			1189.1	10/12/72	247.7	941.4	3230
				4/00/73	227.0	1068.6						11/14/72	252.5	936.6	
				5/00/73	229.0	1066.6						1/30/73	238.7	950.4	
				7/00/73	228.0	1067.6						3/15/73	238.3	950.4	
				8/00/73	227.0	1068.6						4/16/73	240.8	948.3	
				9/00/73	225.0	1070.6						5/15/73	218.2	970.9	
01N/04W-25C02 S 36			1246.3	10/00/72	263.6	982.7	4104					6/12/73	234.1(1)	955.0	
				11/00/72	287.6	958.7						7/17/73	236.4(1)	952.7	
				12/00/72	289.6(1)	956.7						8/14/73	238.6(1)	950.5	
				1/00/73	291.6(1)	954.7						9/12/73	239.4(1)	949.7	
				3/00/73	289.6(1)	956.7		01N/04W-28J02 S 36			1185.0	10/13/72	212.7	972.3	3230

See page 79 for key to terms & abbreviations

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**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA							
							Y-01 Y-01.E Y-01.E2								Y-01 Y-01.F Y-01.F2
01N/04W-28J02 S 36			1185.0	11/15/72	213.8	971.2	3230	01N/04W-36K07 S 36			1120.0	10/00/77	136.5	983.5	4104
(CONTINUED)				1/30/73	211.6	973.4						11/00/77	135.5	984.5	
				3/15/73	207.6	977.4						12/00/77	138.5	981.5	
				4/16/73	211.1	973.9						1/00/77	141.5	978.5	
				5/15/73	207.8	977.2						3/00/77	140.5	979.5	
				6/13/73	208.9	976.1						4/00/77	142.5	977.5	
				7/17/73	208.3	976.7						5/00/77	143.5	976.5	
				8/14/73	207.0	978.0						7/00/77	142.5	977.5	
				9/13/73	206.3	978.7						8/00/77	142.5	977.5	
												9/00/77	140.5	979.5	
01N/04W-28P01 S 36			1174.8	11/07/72	221.2(1)	953.6	3230	02N/05W-19K02 S 36			2327.5	10/13/77	30.9	2296.6	3230
				1/30/73	205.1	969.7						11/14/77	35.8	2291.7	
				3/15/73	204.5	970.3						12/06/77	28.6	2298.4	
				4/16/73	199.6	975.2						1/12/77	19.6	2307.4	
				5/15/73	203.5	971.3						3/15/77	6.7	2320.0	
				6/12/73	224.9	949.9						4/17/77	6.0	2321.5	
				7/17/73	225.1	949.7						5/15/77	6.1	2321.4	
				8/14/73	228.5	946.3						6/12/77	8.8	2318.7	
				9/12/73	227.9	946.9						7/17/77	10.0	2317.5	
01N/04W-31F01 S 36			1269.0	12/21/72	101.7	1167.3	5719					8/13/77	10.6	2316.4	
				3/30/73	90.8	1178.2						9/12/77	12.7	2314.4	
01N/04W-32D03 S 36			1230.3	10/13/72	201.2	1029.1	3230	02N/05W-19Q01 S 36			2311.3	10/13/77	47.7(4)	2263.6	3230
				11/15/72	204.1	1026.2						11/14/77	39.5	2271.8	
				1/29/73	200.0	1030.3						1/30/77	11.5	2299.4	
				3/16/73	192.3	1038.0						3/15/77	2.6	2308.7	
				4/17/73	208.3	1022.0						4/17/77	2.0	2309.1	
				5/15/73	194.7	1035.6						5/15/77	2.2	2309.1	
				6/13/73	198.4	1031.9						6/12/77	3.4	2307.4	
				7/18/73	208.4(1)	1021.9						7/17/77	3.9	2307.4	
				8/15/73	212.5(1)	1017.8						8/13/77	5.0	2306.3	
				9/14/73	210.2(1)	1020.1						9/12/77	6.3	2305.0	
01N/04W-32D04 S 36			1236.3	10/13/72	201.8	1034.5	3230	02N/05W-33K01 S 36			2020.0	10/31/77	43.0	1937.0	3101
				11/15/72	199.1	1037.2						12/06/77	43.0	1937.0	
				1/29/73	197.7	1038.6						1/04/77	43.0	1937.0	
				3/16/73	197.5	1038.8						2/06/77	82.9	1937.1	
				4/17/73	197.5	1038.8						3/16/77	82.6	1937.4	
				5/15/73	198.1	1038.2						4/19/77	82.4	1937.5	
				6/13/73	199.0	1037.3						5/06/77	82.5	1937.5	
				7/18/73	213.6(1)	1022.7						6/06/77	82.5	1937.5	
				8/15/73	216.7(1)	1019.6						7/10/77	82.8	1937.2	
				9/14/73	208.7	1027.6						8/07/77	82.0	1938.0	
01N/04W-33M01 S 36			1161.0	11/15/72	144.8	1016.2	3230					9/13/77	82.5	1937.5	
				1/30/73	144.2	1016.8		01S/02W-06M01 S 37			1585.0	11/20/77	288.0	1296.1	3400
				3/16/73	143.2	1017.8						11/21/77	80.8	1725.4	3400
				5/15/73	142.1	1018.9						2/01/77	52.7	1754.7	
				7/18/73	145.1	1015.9						4/01/77	22.6	1784.1	
				9/13/73	146.7	1014.3		01S/02W-08C02 S 36			1806.7	11/21/77	80.8	1725.4	3400
01N/04W-34G01 S 36			1141.9	10/13/72	202.4(4)	939.5	3230					2/01/77	52.7	1754.7	
				11/13/72	180.5	961.4						4/01/77	22.6	1784.1	
				1/29/73	173.7	968.2		01S/02W-01H01 S 36			1541.3	11/20/77	258.7	1282.6	3400
				3/16/73	174.7	967.2						4/01/77	251.6	1289.7	
				4/16/73	168.7	973.2		01S/02W-02J01 S 36			1397.0	11/20/77	152.0	1245.0	3400
				5/14/73	172.3	969.6						2/01/77	156.8	1240.2	
				6/11/73	176.2	965.7						4/01/77	147.2	1244.4	
				7/16/73	186.1	955.8						8/28/77	115.8	1281.2	
				8/13/73	186.7	955.2		01S/02W-02P02 S 36			1345.3	11/20/77	180.9	1164.4	3400
				9/14/73	NM-1							4/01/77	164.4	1180.4	
01N/04W-34G03 S 36			1136.2	10/13/72	194.0	942.2	3230	01S/02W-03N07 S 36			1241.0	10/00/77	180.0	1061.0	4104
				11/13/72	185.9	950.3						11/00/77	179.0	1062.0	
				1/29/73	168.1	968.1						12/00/77	187.0	1054.0	
				3/16/73	164.0	972.2						1/00/77	194.0	1047.0	
				4/16/73	160.8	975.4						3/00/77	192.0	1049.0	
				5/14/73	162.5	973.7						4/00/77	194.0	1047.0	
				6/11/73	174.6	961.6						5/00/77	195.0	1046.0	
				7/16/73	180.0	956.2						7/00/77	195.0	1046.0	
				8/13/73	179.9	956.3						8/00/77	193.0	1046.0	
				9/11/73	185.3	950.9						9/00/77	192.0	1044.0	
01N/04W-35C01 S 36			1153.2	10/12/72	197.7	955.5	3230	01S/02W-04G02 S 36			1240.0	10/00/77	247.0	993.0	4104
				11/14/72	191.8	961.4						11/00/77	245.0	995.0	
				1/29/73	186.1	967.1						12/00/77	249.0	991.0	
				3/16/73	182.1	971.1						1/00/77	254.0	986.0	
				4/16/73	179.9	973.3						3/00/77	252.0	988.0	
				5/14/73	181.0	972.2						4/00/77	254.0	986.0	
				6/12/73	186.6	966.6						5/00/77	257.0	983.0	
				7/16/73	189.6	963.6						7/00/77	255.0	985.0	
				8/13/73	190.3	962.9						8/00/77	254.0	986.0	
				9/11/73	189.2	964.0						9/00/77	252.0	988.0	
01N/04W-35C02 S 36			1164.5	9/14/73	201.0	963.5	3230	01S/02W-04N01 S 36			1194.0	10/00/77	148.0	1046.0	4104
01N/04W-35L06 S 36			1127.0	11/13/72	171.8	955.2	3230					11/00/77	145.0	1043.0	
				1/31/73	NM-2							12/00/77	154.0	1040.0	
				3/16/73	NM-2							1/00/77	159.0	1035.0	
				5/14/73	NM-2							3/00/77	159.0	1035.0	
01N/04W-35M03 S 36			1122.7	10/12/72	173.7	949.0	3230					4/00/77	164.0	1030.0	
				11/13/72	165.3	957.4						5/00/77	165.0	1029.0	
				1/29/73	161.6	961.1						7/00/77	165.0	1029.0	
				3/16/73	153.2	969.5						8/00/77	163.0	1031.0	
				4/16/73	154.5	968.2						9/00/77	162.0	1032.0	
				5/14/73	158.2	964.5		01S/02W-06M03 S 36			1148.6	10/00/77	162.0(1)	986.6	4104
				6/11/73	166.4	956.3						11/00/77	160.0	988.6	
				7/16/73	172.2	950.5						12/00/77	162.0	986.6	
				8/13/73	174.1	948.6						1/00/77	168.0	980.6	
				9/11/73	173.6	949.1						3/00/77	166.0(1)	982.6	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01 Y-01.E Y-01.E2								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01 Y-01.F Y-01.E2							
015/03W-06H03 S 36			1148.6	4/00/73	148.0(1)	980.6	4104	015/03W-22A02 S 36			1390.0	11/20/72	220.0	1170.0	5206
(CONTINUED)				5/00/73	170.0(1)	978.6		(CONTINUED)				12/27/72	218.0	1172.0	
				7/00/73	170.0(1)	978.6						1/29/73	216.0	1174.0	
				8/00/73	169.0(1)	979.6						2/27/73	215.0	1175.0	
				9/00/73	167.0(1)	981.6						3/29/73	211.0	1179.0	
												4/29/73	214.0(1)	1176.0	
015/03W-06K01 S 36			1132.0	10/00/72	149.0	983.0	4104					5/30/73	218.0(1)	1172.0	
				11/00/72	147.0	985.0						6/28/73	221.0(1)	1169.0	
				12/00/72	150.0	982.0						7/31/73	221.0(1)	1169.0	
				1/00/73	152.0	980.0						8/31/73	219.0(1)	1171.0	
				3/00/73	149.0	983.0						9/26/73	222.0(1)	1166.0	
				4/00/73	152.0	980.0									
				5/00/73	154.0	978.0		015/03W-23A03 S 36			1475.0	11/21/72	255.4	1219.6	3400
				7/00/73	154.0	978.0						2/01/73	253.2	1221.8	
				8/00/73	151.0	981.0						8/29/73	244.5	1230.5	
				9/00/73	149.0	983.0									
015/03W-10N01 S 36			1255.0	10/00/72	177.0	1078.0	4104	015/03W-28F02 S 36			1249.0	11/21/72	135.9	1113.1	3400
				11/00/72	176.0	1079.0									
				12/00/72	185.0	1070.0		015/03W-28H01 S 36			1308.0	10/20/72	177.0	1131.0	5206
				1/00/73	196.0	1059.0						11/20/72	171.0	1171.0	
				3/00/73	196.0	1059.0						12/26/72	166.0	1142.0	
				4/00/73	200.0	1055.0						1/29/73	163.0	1145.0	
				5/00/73	202.0	1053.0						2/27/73	161.0	1147.0	
				7/00/73	201.0	1054.0						3/29/73	159.0	1149.0	
				8/00/73	197.0	1058.0						4/29/73	161.0	1147.0	
				9/00/73	197.0	1058.0						5/30/73	166.0	1142.0	
015/03W-15F01 S 36			1280.0	11/20/72	112.7	1147.3	3400					6/28/73	194.0(1)	1114.0	
				1/31/73	130.0	1150.0						7/31/73	191.0(1)	1117.0	
				3/31/73	119.3	1160.7						8/30/73	203.0(1)	1105.0	
				4/23/73	112.6	1167.4						9/26/73	197.0(1)	1111.0	
015/03W-15H03 S 36			1334.6	11/21/72	191.0	1143.6	3400	015/03W-31A06 S 36			1227.0	11/21/72	200.4	1026.6	3400
				3/26/73	180.3	1154.3									
				4/28/73	175.4	1159.2		015/03W-32N01 S 36			1204.2	11/21/72	194.3	1011.0	3400
015/03W-16F01 S 36			1257.0	11/21/72	190.9	1066.1	3400	015/04W-01P04 S 36			1096.8	10/00/72	112.0	984.8	4104
				4/28/73	176.5	1080.5						11/00/72	111.0	985.8	
015/03W-16J01 S 36			1302.9	11/21/72	174.5	1128.4	3400					12/00/72	113.0	983.8	
015/03W-17C03 S 36			1175.9	10/02/72	175.4	1000.5	3847					1/00/73	118.0	978.8	
				11/06/72	175.1	1000.8						3/00/73	117.0	979.8	
				12/04/72	173.5	1002.4						4/00/73	119.0	977.8	
				1/01/73	171.1	1004.8						5/00/73	120.0	976.8	
				2/05/73	169.0	1006.9						7/00/73	122.0	974.8	
				3/05/73	167.4	1008.5						8/00/73	120.0	976.8	
				4/02/73	161.6	1014.3						9/00/73	118.0	978.8	
				5/07/73	159.5	1016.4		015/04W-01F01 S 36			1061.0	10/31/72	131.6(1)	929.4	5726
				6/04/73	162.7	1013.2						11/21/72	94.0	961.0	
				7/02/73	165.0	1010.9						12/27/72	91.4	964.6	
				8/06/73	166.9	1009.0						1/30/73	78.5	982.5	
				9/03/73	168.8	1007.1						2/29/73	78.9	982.1	
015/03W-17L01 S 36			1188.8	11/21/72	182.8	1006.0	3400					4/01/73	72.1	988.9	
015/03W-20F01 S 36			1192.0	11/21/72	176.9	1015.1	3400					5/23/73	78.4	982.6	
				4/28/73	175.1	1016.9						7/01/73	70.6	980.0	
015/03W-20P01 S 36			1195.0	11/21/72	186.7	1008.3	3400					9/02/73	104.5	956.5	
				4/28/73	187.2	1007.8		015/04W-01F02 S 36			1070.0	10/00/72	146.0(1)	924.0	4104
015/03W-21F02 S 36			1240.0	11/21/72	135.9	1104.1	3400					11/00/72	144.0(1)	926.0	
015/03W-21H01 S 36			1318.1	10/24/72	190.0	1128.1	5206					12/00/72	147.0(1)	923.0	
				11/20/72	188.0	1130.1						1/00/73	149.0(1)	921.0	
				12/26/72	186.0	1132.1						3/00/73	148.0(1)	922.0	
				1/29/73	183.0	1135.1						4/00/73	150.0(1)	920.0	
				2/28/73	179.0	1139.1						5/00/73	151.0(1)	919.0	
				5/20/73	173.0	1145.1						7/00/73	144.0	926.0	
				6/28/73	183.0	1135.1						8/00/73	146.0	924.0	
				7/31/73	190.0	1128.1						9/00/73	144.5	925.5	
				8/31/73	188.0	1130.1		015/04W-01K04 S 36			1092.0	10/00/72	92.8	994.2	4104
				9/29/73	187.0	1131.1						11/00/72	91.8	1000.2	
015/03W-21H06 S 36			1320.0	10/24/72	189.0	1131.0	5206					12/00/72	91.8	998.2	
				11/20/72	186.0	1134.0						1/00/73	97.8	994.2	
				12/27/72	186.0	1134.0						3/00/73	96.8	995.2	
				1/27/73	182.0	1138.0						4/00/73	98.8	993.2	
				2/26/73	180.0	1140.0						5/00/73	99.8	992.2	
				3/29/73	176.0	1144.0						7/00/73	99.8	992.2	
				4/28/73	172.0	1148.0						8/00/73	97.8	994.2	
				5/30/73	184.0	1136.0						9/00/73	95.8	996.2	
				6/29/73	186.0	1134.0		015/04W-02A03 S 36			1072.0	10/31/72	125.0	947.0	5726
				7/31/73	186.0	1134.0						11/21/72	127.0(1)	945.0	
				8/31/73	187.0	1133.0						12/27/72	123.0(1)	949.0	
				9/26/73	187.0	1133.0						1/29/73	124.6(1)	947.4	
015/03W-21H07 S 36			1319.0	10/24/72	190.0	1129.0	5206					5/28/73	125.5(1)	946.5	
				11/20/72	188.0	1131.0						7/01/73	126.1(1)	945.4	
				12/27/72	185.0	1134.0						9/02/73	127.2(1)	944.4	
				1/29/73	182.0	1137.0									
				2/26/73	177.0	1142.0						10/00/72	127.0	960.0	4104
				3/29/73	177.0	1142.0						11/00/72	126.0	961.0	
				4/28/73	173.0	1146.0						12/00/72	131.0	956.0	
				5/30/73	173.0(1)	1146.0						1/00/73	136.0	951.0	
				6/28/73	191.0(1)	1128.0						3/00/73	136.0	951.0	
				7/31/73	185.0(1)	1124.0						4/00/73	138.0	949.0	
				8/31/73	185.0	1136.0						5/00/73	139.0	948.0	
				9/26/73	187.0	1132.0						7/00/73	138.0	949.0	
015/03W-22A02 S 36			1390.0	10/24/72	217.0	1173.0	5206					8/00/73	135.0	952.0	
												9/00/73	133.0	954.0	
								015/04W-02K01 S 36			1056.4	10/12/72	110.9	945.4	3230
												11/17/72	101.9	954.4	
												3/14/73	90.6	965.7	
												4/16/73	94.0	962.3	
												5/14/73	102.9	953.4	

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT RUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT RUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.E2
01S/04W-02K01 S 36			1056.3	6/11/73	113.1	943.2	3230	01S/04W-02009 S 36			1055.0	12/00/72	117.5	937.5	4104
01S/04W-02K03 S 36			1053.2	10/12/72	112.9	940.3	3230	(CONTINUED)				1/00/73	122.5	932.5	
				11/13/72	109.7	943.5						3/00/73	119.5	930.5	
				1/29/73	90.0	963.2						4/00/73	124.5	927.5	
				3/14/73	85.4	967.8						5/00/73	127.5	924.5	
				4/16/73	89.9	963.3						7/00/73	126.5	925.5	
				5/14/73	92.9	960.3						8/00/73	125.5	926.5	
				6/11/73	102.4	950.8						9/00/73	122.5	932.5	
01S/04W-02K08 S 36			1052.9	10/12/72	105.1	947.8	3230	01S/04W-03001 S 36			1096.4	3/15/73	107.9	986.5	3230
				11/13/72	95.9	957.0						5/15/73	107.1	989.1	
				1/29/73	90.8	962.1						7/14/73	108.9	987.5	
				3/14/73	84.6	968.3						9/14/73	109.1	987.3	
				4/16/73	86.7	966.2		01S/04W-03001 S 36			1041.8	10/25/72	74.4	967.4	3230
				5/14/73	94.2	958.7						11/13/72	74.0	967.4	
				6/11/73	103.8	949.1						12/27/72	71.4	970.0	
01S/04W-02L07 S 36			1048.0	10/31/72	103.7	944.3	5725					1/11/73	71.4	970.0	
				11/31/72	95.7	952.3						2/05/73	70.8	971.0	
				12/27/72	93.1	954.9						3/08/73	69.3	972.5	
				1/30/73	91.3	956.7						4/02/73	68.1	973.5	
				2/29/73	91.7	956.3						5/04/73	68.2	973.5	
				4/01/73	87.6	960.4						6/06/73	69.0	972.4	
				5/28/73	98.4	949.6						7/05/73	70.1	971.7	
				7/01/73	94.8	949.2						8/08/73	70.7	971.1	
				9/02/73	124.9(1)	923.1						9/07/73	70.6	971.2	
01S/04W-02M01 S 36			1048.6	10/25/72	81.3	967.3	3230	01S/04W-05C03 S 36			1176.0	11/15/72	152.8	1023.2	3230
				11/13/72	60.5	988.1						1/30/73	151.3	1024.7	
				12/27/72	80.9	967.7						3/16/73	146.7	1029.7	
				1/31/73	81.0	967.6						5/14/73	152.4	1023.2	
				2/05/73	79.4	969.2						7/18/73	155.1	1020.4	
				3/14/73	82.0	966.6						9/13/73	157.7	1018.4	
				4/02/73	78.7	969.9		01S/04W-05F05 S 36			1170.0	10/00/72	131.0	1039.0	-124
				5/14/73	78.2	970.4						11/00/72	128.0	1042.0	
				6/29/73	77.1	971.5						12/00/72	128.0	1042.0	
				7/14/73	77.7	970.9						1/00/73	126.0	1044.0	
				8/28/73	77.2	971.4						2/00/73	126.0	1044.0	
				9/11/73	77.4	971.2						3/00/73	124.0	1046.0	
01S/04W-02N01 S 36			1037.0	10/00/72	41.0	996.0	4104					4/00/73	127.0	1043.0	
				11/00/72	39.0	998.0						5/00/73	126.0	1044.0	
				12/00/72	42.0	995.0						6/00/73	127.0	1043.0	
				1/00/73	46.0	991.0						7/00/73	159.0(1)	1011.0	
				3/00/73	45.0	992.0						8/00/73	167.0(1)	1003.0	
				4/00/73	47.0	990.0						9/00/73	150.0	1020.0	
				5/00/73	55.0	982.0		01S/04W-06M01 S			1160.0	11/00/72	123.0	1037.0	412
				7/00/73	50.0	987.0						12/00/72	123.0	1037.0	
				8/00/73	47.0	990.0						1/00/73	127.0	1034.0	
				9/00/73	45.0	992.0						2/00/73	127.0	1033.0	
01S/04W-02P05 S 36			1045.4	10/31/72	121.2(1)	924.2	5725					3/00/73	125.0	1035.0	
				12/27/72	110.0(1)	935.4						4/00/73	127.0	1033.0	
				2/27/73	112.7(1)	932.7						5/00/73	127.0	1033.0	
				4/01/73	106.5(1)	938.9						6/00/73	128.0	1032.0	
				5/28/73	115.2(1)	930.2						7/00/73	147.0	1013.0	
				7/01/73	120.4(1)	925.0						8/00/73	140.0	1020.0	
				9/02/73	124.5(1)	920.9						9/00/73	138.0	1022.0	
01S/04W-02P06 S 36			1047.0	10/31/72	100.2	946.8	5725	01S/04W-08A01 S 36			1093.0	11/13/72	103.4	990.6	3230
				11/30/72	98.5	948.5						1/30/73	101.0	992.9	
				12/27/72	91.0	956.0						3/16/73	100.1	994.9	
				1/30/73	90.1	956.9						5/14/73	99.8	994.1	
				2/27/73	92.9	954.1						7/19/73	101.0	992.4	
				4/01/73	79.9	967.1						9/13/73	102.0	991.9	
				5/28/73	96.0	951.0		01S/04W-08C01 S 36			1104.1	10/21/72	114.5	989.6	4201
				7/01/73	94.8	952.2						11/01/72	107.5	996.6	
				9/02/73	124.0(1)	923.0						2/01/73	102.5	1001.5	
01S/04W-02003 S 36			1052.0	10/31/72	104.6	947.4	5725					3/01/73	117.4	984.6	
				11/31/72	96.6	955.4						4/27/73	103.5	1000.5	
				1/30/73	102.6(1)	949.4						5/30/73	122.5	981.5	
				4/01/73	97.7(1)	954.3						6/29/73	129.5	974.5	
				5/28/73	97.3	954.7						8/01/73	124.5	974.5	
				7/01/73	122.2(1)	929.8						9/04/73	125.5	975.5	
				9/02/73	125.4(1)	926.6		01S/04W-08F02 S 36			1104.4	11/13/72	115.2	989.2	4230
01S/04W-02004 S 36			1057.5	10/00/72	103.0	954.5	4104					7/18/73	132.5	971.5	
				3/00/73	89.0	968.5						9/13/73	120.9	983.5	
				4/00/73	94.0	963.5		01S/04W-08F07 S 36			1095.1	10/21/72	134.0	961.1	4201
				5/00/73	96.0	961.5						11/01/72	117.6	977.6	
				7/00/73	96.0	961.5						2/01/73	102.0	993.1	
				8/00/73	96.0	962.5						3/01/73	102.0	993.1	
				9/00/73	92.0	965.5						4/27/73	137.0	958.1	
01S/04W-02005 S 36			1055.5	11/00/72	85.5	970.0	4104					5/30/73	127.0	968.1	
				12/00/72	90.0	965.5						6/29/73	137.0	958.1	
				1/00/73	95.0	960.5						8/01/73	142.0	953.1	
				3/00/73	91.0	964.5						9/04/73	132.0	963.1	
				4/00/73	94.0	961.5		01S/04W-08F08 S 36			1096.5	10/21/72	137.0	954.5	4201
				5/00/73	96.0	959.5						11/01/72	120.0	976.5	
				7/00/73	96.0	959.5						2/01/73	105.0	991.5	
				8/00/73	95.0	960.5						3/01/73	105.0	991.5	
				9/00/73	92.0	963.5						4/27/73	140.0	956.5	
01S/04W-02006 S 36			1057.0	11/30/72	99.7	957.3	5725					5/30/73	130.0	966.5	
				12/27/72	92.1	964.9						6/29/73	140.0	956.5	
				4/01/73	91.1	965.9						8/01/73	145.0	951.5	
				7/01/73	123.5(1)	933.5						9/04/73	135.0	961.5	
				9/02/73	126.7(1)	930.3		01S/04W-08F10 S 36			1096.8	10/01/72	136.6	960.2	3230
01S/04W-02008 S 36			1055.0	11/00/72	114.5	940.5	4104					11/01/72	120.1	976.7	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.F2
01S/04W-08F10 S 36 (CONTINUED)			1096.8 1096.2 1096.8	12/01/72 2/01/73 3/01/73	118.6 105.0 104.6	978.2 991.2 992.2	3230 4201 3230	01S/04W-09P01 S 36 (CONTINUED)			1052.4	7/16/73 8/13/73 9/11/73	78.4 78.7 77.6	974.0 973.7 974.4	3230
				4/01/73 5/01/73 6/01/73 7/02/73 8/01/73 9/04/73	102.6 119.6 129.6 139.6 144.6 135.0	994.2 977.2 967.2 957.2 952.2 961.2		01S/04W-10N06 S 36			1001.4	10/12/72 11/13/72 12/27/72 1/29/73 2/05/73 3/14/73 4/02/73 5/14/73 6/13/73 7/16/73 8/13/73 9/11/73	43.6 47.8 39.7 37.5 37.4 35.3 33.2 35.3 121.9(1) 122.9(1) 128.1(1) 37.5	957.4 953.6 961.7 963.9 964.0 966.1 968.2 966.1 879.5 878.4 873.3 963.9	3230
01S/04W-08001 S 36			1075.8	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	122.0 129.0 95.0 93.0 103.0 115.0 121.0 124.0 122.0	953.8 946.8 980.8 982.8 972.8 960.8 954.8 951.8 953.8	4201	01S/04W-11N02 S 36			1034.5	10/31/72 11/30/72 12/27/72 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	81.4 71.5 74.1 83.1 77.1 89.4 106.6 152.4(1)	953.1 963.0 960.4 951.4 957.4 945.1 927.4 882.1	5204
01S/04W-08003 S 36			1074.4	11/13/72 1/31/73 3/16/73 5/16/73 7/19/73 9/13/73	122.0 89.5 86.5 103.0 115.1 115.6	952.4 984.9 987.9 971.4 959.3 958.8	3230	01S/04W-11N03 S 36			1033.7	10/30/72 11/21/72 12/27/72 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	81.3 71.7 73.2 113.1(1) 108.4(1) 105.9(1) 140.2(1) 152.1(1)	952.0 961.6 960.1 920.2 924.4 927.4 893.1 881.2	5204
01S/04W-08R01 S 36			1075.7	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	122.4 129.4 96.4 93.4 104.4 115.4 122.4 125.4 123.4	953.3 946.3 979.3 982.3 971.3 960.3 953.3 950.3 952.3	4201	01S/04W-11N01 S 36			1051.8	11/13/72 1/31/73 3/16/73 5/16/73 7/16/73 9/11/73	80.6 71.8 74.5 78.6 90.6 93.7	971.2 980.0 984.3 973.2 961.2 958.1	3230
01S/04W-08R04 S 36			1075.3	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	116.6 124.6 89.6 87.6 98.6 110.6 116.6 119.6 117.6	958.7 950.7 985.7 987.7 976.7 964.7 958.7 955.7 957.7	4201	01S/04W-12R05 S 36			1089.7	11/00/72 12/00/72 1/00/73 3/00/73 4/00/73 5/00/73 7/00/73 8/00/73 9/00/73	107.0 103.0 112.0 110.0 112.0 115.0 115.0 113.0 112.0	942.3 946.3 977.3 974.3 977.3 974.3 974.3 976.3 977.3	4104
01S/04W-08R05 S 36			1076.0	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	118.5 125.5 91.5 89.5 99.5 110.5 117.5 120.5 118.5	957.5 950.5 984.5 986.5 976.5 965.5 958.5 955.5 957.5	4201	01S/04W-13F02 S 36			1054.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	125.7 121.4 114.2 108.0 104.5 100.3 96.6 101.8 120.1(1) 108.8 111.0 114.9	928.1 932.6 939.4 946.0 949.5 953.7 957.4 952.2 933.9 945.7 941.1 939.1	3447
01S/04W-09R03 S 36			1071.6	11/13/72 3/16/73 5/16/73 7/19/73 9/14/73	97.7(1) 87.6 93.3(1) 95.8(1) 89.3	973.9 984.0 978.3 975.8 982.3	3230	01S/04W-13G02 S 36			1065.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	152.7(1) 149.0(1) 121.3 117.1 111.7 108.1 104.9 126.4(1) 131.4(1) 132.5(1) 135.6(1) 136.7(1)	912.3 916.0 943.7 947.9 953.3 958.4 960.1 938.6 933.6 932.5 929.4 928.3	3447
01S/04W-09F02 S 36			1075.0	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	117.0 125.0 91.0 89.0 99.0 111.0 117.0 120.0 115.0	958.0 950.0 984.0 986.0 976.0 964.0 958.0 955.0 960.0	4201	01S/04W-13G03 S 36			1065.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	187.5(1) 170.5(1) 90.5 93.2 86.2 82.1 79.3 170.6(1) 172.7(1) 177.8(1) 179.7(1) 183.6(1)	877.5 894.5 974.5 971.8 976.4 982.9 985.7 894.4 892.3 887.2 885.3 881.4	3447
01S/04W-09N06 S 36			1060.2	11/13/72 1/30/73 3/15/73 5/15/73 7/18/73 9/13/73	95.7 82.3 77.8 82.8 87.5 90.6	964.5 977.9 982.4 977.4 972.7 969.6	3230	01S/04W-13L02 S 36			1050.0	10/10/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/19/73 7/03/73 8/07/73	121.6 116.3 108.1 102.6 98.5 94.4 90.6 97.2 103.3 104.5 106.6	928.4 933.7 941.9 947.4 951.5 955.6 959.4 952.4 946.7 945.5 943.4	3847
01S/04W-09P01 S 36			1052.4	10/12/72 11/13/72 12/27/72 1/29/73 2/05/73 3/14/73 4/02/73 5/14/73 6/11/73	81.5 79.7 77.1 75.5 75.1 74.0 72.6 73.7 75.5	970.9 972.7 975.3 976.9 977.3 978.4 979.8 978.7 976.9	3230								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							
							Y-01 Y-01.E Y-01.E2								Y-01 Y-01.E Y-01.E2
015/04W-13L02 S 36			1050.0	9/04/73	143.2(1)	906.8	3847	015/04W-22R07 S 36			995.0	5/28/73 7/01/73 9/02/73	63.9 97.8(1) 100.7(1)	931.1 897.2 894.3	5725
015/04W-13M02 S 36			1054.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	155.5(1) 109.8 95.5 91.2 89.6 83.6 80.8 134.9(1) 145.4(1) 152.1(1) 137.2(1) 160.1(1)	898.5 944.2 958.5 962.8 964.4 970.4 973.2 919.1 908.6 901.9 916.8 893.9	3847	(CONTINUED)							
115/04W-13M01 S 36			1039.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	132.2(1) 129.1(1) 104.1 97.7 94.2 90.5 84.2 109.6(1) 113.7(1) 117.0(1) 117.4(1) 123.4(1)	906.8 909.9 934.9 941.3 944.8 948.5 954.8 929.4 925.3 922.0 921.6 915.6	3847	015/04W-22C02 S 36			988.5	11/13/72 1/30/73 3/16/73 5/16/73	115.0 80.0 72.0 58.7	873.5 908.5 916.5 929.8	3230
015/04W-13N02 S 36			1040.0	11/07/72 12/05/72 1/02/73 2/06/73 3/13/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	112.0 102.9 97.6 92.4 88.5 85.7 92.3 96.5 98.1 102.4 105.0	928.0 937.1 942.4 947.6 951.5 954.3 947.7 943.5 941.9 937.6 935.0	3847	015/04W-22C14 S 36			994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 5/27/73 7/01/73 9/01/73	78.2 77.0 73.6 63.6 63.4 59.3 54.4 70.3	915.8 917.0 920.4 930.4 930.4 934.7 924.6 923.7	5725
015/04W-14P06 S 36			1027.1	10/30/72 11/30/72 12/26/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	90.0 88.4 73.6 75.5 74.9 65.2 99.2 130.9(1) 130.8(1)	937.1 938.7 953.5 951.6 952.2 961.9 927.9 896.2 896.3	5208	015/04W-22C16 S 36			994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 5/27/73 7/01/73 9/01/73	79.5 77.1 73.9 62.1 62.3 51.2 44.9 2.0 56.9	914.5 916.7 920.1 931.4 931.7 942.4 939.1 932.0 927.1	5725
015/04W-15F05 S 36			991.1	11/13/72 1/31/73 3/16/73 5/16/73 7/19/73 9/13/73	56.1 31.2 22.4 37.7 59.5 64.2	935.0 959.9 968.7 953.4 931.6 926.9	3230	015/04W-22C17 S 36			994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 5/27/73 7/01/73 9/01/73	78.1 76.2 72.7 61.5 61.9 51.6 44.9 2.0 56.9	915.8 917.0 921.1 934.5 934.1 942.4 939.1 932.0 927.1	5725
015/04W-15M02 S			984.6	7/19/73	NM-1		3230	015/04W-22C18 S 36			995.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 5/27/73 7/01/73 9/01/73	77.4 75.3 72.0 63.6 62.4 49.8 56.6 61.4 66.4	917.4 919.7 923.0 931.5 931.1 945.2 934.4 933.4 926.4	5725
015/04W-21A01 S 36			970.2	10/25/72 11/27/72 12/27/72 1/30/73 2/05/73 3/16/73 4/26/73 5/30/73 7/03/73 8/29/73	141.3 120.8 122.2 92.2 92.4 75.5 68.6 59.1 63.4 103.7	828.9 849.4 848.0 878.0 877.8 894.7 901.6 911.1 906.8 866.5	3230	015/04W-22H01 S 36			1004.3	10/02/72 11/21/72 12/27/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	85.0 71.4 71.6 66.3 67.6 55.5 56.9 116.7 96.5	919.4 932.9 932.7 938.0 936.7 948.8 937.4 884.0 907.4	5725
015/04W-22R03 S 36			999.0	10/16/72 11/14/72 12/04/72 1/02/73 2/05/73 3/05/73 4/01/73 5/08/73 6/11/73 7/01/73 8/06/73 9/01/73	79.3 77.3 76.0 70.8 71.4 68.0 54.8 53.7 60.8 61.3 66.8 68.3	919.7 921.7 923.0 928.2 927.6 931.0 944.2 945.3 938.2 937.7 932.2 930.7	5725	015/04W-22H02 S 36			1005.2	10/02/72 11/21/72 1/27/73 2/26/73 4/01/73	70.8 34.7 34.9 37.0 24.2	934.4 970.5 968.2 968.2 981.0	5725
015/04W-22R05 S 36			996.0	10/16/72 11/06/72 12/04/72 1/02/73 2/05/73 3/05/73 4/01/73 5/08/73 6/11/73 7/01/73 8/06/73 9/01/73	78.0 77.5 74.7 68.0 69.0 67.6 50.3 53.2 59.5 60.0 66.4 68.0	918.0 918.5 921.3 928.0 927.0 928.4 945.7 942.8 936.5 936.0 929.6 928.0	5725	015/04W-22H03 S 36			997.0	10/02/72 11/21/72 12/27/72 1/27/73 2/26/73 4/01/73 5/23/73 7/01/73 9/01/73	89.6 76.1 68.6 64.6 64.2 48.4 71.4 114.9(1) 110.3(1)	907.4 920.4 928.4 932.4 932.4 948.4 925.4 882.1 886.7	5725
015/04W-22R07 S 36			995.0	10/02/72 11/31/72 12/27/72 1/29/73 2/26/73 4/01/73	79.8 76.3 66.0 62.0 62.7 51.0	915.2 918.7 929.0 933.0 932.3 944.0	5725	015/04W-22H04 S 36			998.6	10/02/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	89.7 94.2(1) 94.6(1) 36.9 117.6(1) 129.4(1) 130.0(1)	908.9 904.4 904.0 961.7 881.0 869.2 866.5	5725
								015/04W-22L05 S 36			983.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	94.3(1) 96.0(1) 60.9 49.7 36.8 64.2(1) 72.0(1) 79.1(1) 85.9(1)	888.7 887.0 922.1 933.3 946.2 918.8 911.0 903.9 897.1	5783
								015/04W-22L09 S 36			986.0	10/06/72	89.4	896.6	5783



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA							Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA							Y-01 Y-01.F Y-01.E2
015/04W-22L09 S 36			986.0	11/03/72	109.0(1)	877.0	5783	015/04W-23G03 S 36			1044.0	5/01/73	127.5(1)	916.5	3847
(CONTINUED)				1/05/73	66.2	919.8		(CONTINUED)				6/05/73	139.1(1)	904.9	
				2/02/73	58.4	927.6						7/03/73	151.9(1)	892.1	
				3/30/73	44.0	942.0						8/07/73	150.3(1)	893.7	
				4/30/73	45.0	941.0						9/04/73	159.4(1)	884.6	
				6/08/73	70.1(1)	915.9		015/04W-23H01 S 36			1044.0	10/03/72	124.8	919.2	3847
				7/06/73	74.5	911.5						11/07/72	134.1(1)	907.9	
				8/03/73	70.0	916.0						12/05/72	112.8	931.2	
015/04W-22M06 S 36			982.0	10/06/72	91.6(1)	890.4	5783					1/02/73	107.8	936.2	
				11/03/72	87.0(1)	895.0						2/06/73	102.0	942.0	
				1/05/73	71.9	910.1						3/06/73	97.2	946.8	
				2/02/73	63.4	918.6						4/03/73	93.1	950.9	
				3/30/73	47.9	934.1						5/01/73	117.6(1)	926.4	
				4/30/73	61.9(1)	920.1						6/05/73	105.7	938.3	
				6/08/73	64.4(1)	917.6						7/03/73	126.4(1)	917.6	
				7/06/73	65.0(1)	917.0						8/07/73	130.8(1)	913.2	
				8/03/73	72.1(1)	909.9						9/04/73	131.7(1)	912.3	
015/04W-22P05 S 36			987.0	10/06/72	117.0(1)	850.0	5783	015/04W-23K01 S 36			1044.0	10/03/72	125.6	918.4	3847
				11/03/72	116.0	871.0						11/07/72	124.4	919.6	
				12/21/72	105.7	881.3	5719					12/05/72	113.7	930.3	
				1/05/73	80.2	906.8	5783					1/02/73	108.4	935.6	
				2/02/73	71.8	915.2						2/06/73	103.1	940.9	
				3/30/73	54.3	932.7						3/06/73	98.4	945.6	
				4/30/73	69.0	918.0						4/03/73	94.2	949.8	
				6/08/73	71.9	915.1						5/01/73	104.9	939.1	
				7/06/73	78.0	909.0						6/05/73	106.4	937.6	
				8/03/73	81.2	905.8						7/03/73	112.7	931.3	
015/04W-23A01 S 36			1041.2	10/03/72	120.3	920.9	3847					8/07/73	128.7(1)	915.3	
				11/07/72	111.5	929.7						9/04/73	117.7	926.3	
				12/05/72	91.2	950.0		015/04W-23K02 S 36			1044.0	10/03/72	140.3(1)	903.7	3847
				1/02/73	82.3	958.9						11/07/72	140.3(1)	903.7	
				2/06/73	82.0	959.2						12/05/72	114.5	929.5	
				3/06/73	76.2	965.0						1/02/73	109.3	934.7	
				4/03/73	73.2	968.0						2/06/73	103.1	940.9	
				5/01/73	101.6	939.6						3/06/73	98.6	945.6	
				6/05/73	115.7	925.5						4/03/73	93.9	950.1	
				7/03/73	127.6	913.6						5/01/73	120.3(1)	923.7	
				8/07/73	124.4	916.8						6/05/73	121.5(1)	922.5	
				9/04/73	133.5	907.7						7/03/73	127.3(1)	916.7	
015/04W-23A02 S 36			1045.0	10/03/72	137.7(1)	907.3	3847					8/07/73	129.9(1)	914.1	
				11/07/72	123.2	921.8						9/04/73	131.1(1)	912.9	
				12/05/72	113.3	931.7		015/04W-23K03 S 36			1040.2	10/03/72	122.4	917.8	3847
				1/02/73	107.1	937.9						11/07/72	110.7	929.7	
				2/06/73	103.7	941.3						12/05/72	92.9	947.3	
				3/06/73	98.3	946.7						1/02/73	84.0	956.2	
				4/03/73	94.0	951.0						2/06/73	85.0	955.2	
				5/01/73	118.9(1)	926.1						3/06/73	78.1	962.1	
				6/05/73	119.8(1)	925.2						4/03/73	73.1	967.1	
				7/03/73	127.2(1)	917.8						5/01/73	103.0	937.7	
				8/07/73	132.1(1)	912.9						6/05/73	117.2	923.9	
				9/04/73	131.9(1)	913.1						7/03/73	127.6	912.6	
015/04W-23A05 S 36			1044.0	10/03/72	122.6	921.4	3847					8/07/73	126.3	913.9	
				11/07/72	142.1(1)	901.9						9/04/73	135.4	904.8	
				12/05/72	93.9	950.1		015/04W-23D01 S 36			1040.8	10/03/72	125.3	914.5	3847
				1/02/73	86.1	957.9						11/07/72	114.7	926.1	
				2/06/73	86.3	957.7						12/05/72	97.0	943.8	
				3/06/73	80.0	964.0						1/02/73	86.6	954.2	
				4/03/73	76.8	967.2						2/06/73	89.2	951.6	
				5/01/73	103.7	940.3						3/06/73	80.8	960.0	
				6/05/73	148.7(1)	895.3						4/03/73	76.2	964.6	
				7/03/73	163.7(1)	880.3						5/01/73	104.0	938.8	
				8/07/73	126.7	917.3						6/05/73	120.2	920.6	
				9/04/73	164.9(1)	879.1						7/03/73	130.0	910.4	
015/04W-23C02 S 36			1025.0	10/02/72	116.8	908.2	5208					8/07/73	129.7	911.6	
				12/26/72	71.4	953.6						9/04/73	139.3	901.5	
				1/29/73	71.0	954.0		015/04W-27A09 S 36			1015.2	10/02/72	100.3	914.4	5208
				2/27/73	71.3	953.7						12/27/72	69.8	945.4	
				4/01/73	60.1	964.9						4/01/73	68.9	946.3	
				5/28/73	139.4	885.6						7/01/73	98.9	916.3	
				7/01/73	149.6	875.4		015/04W-27A10 S 36			1015.7	10/02/72	118.2	897.5	5208
				9/01/73	132.4	892.6						11/21/72	99.1	916.6	
015/04W-23C03 S 36			1022.8	10/30/72	92.6	930.2	5208					12/27/72	89.2	926.5	
				11/21/72	90.6	932.2						1/29/73	80.0	935.7	
				12/27/72	72.1	956.7						2/26/73	80.3	935.4	
				1/28/73	91.6	931.2						4/01/73	73.5	942.2	
				2/26/73	71.2	951.6						5/28/73	96.4	919.3	
				4/23/73	129.4(1)	893.4						9/01/73	116.6	899.1	
				5/28/73	104.2	918.6		015/04W-27A11 S 36			1015.0	10/02/72	101.8	913.2	5208
015/04W-23G01 S 36			1044.7	10/07/72	130.6	914.1	3847					11/21/72	111.1	903.4	
				11/07/72	119.8	924.9						12/27/72	93.8	921.2	
				12/05/72	96.1	948.6						1/29/73	80.9	934.1	
				5/15/73	117.0	927.7						2/29/73	81.4	933.6	
				6/05/73	125.9	918.8						4/01/73	76.0	939.0	
				7/03/73	134.1	910.6						5/28/73	97.7	917.3	
				8/07/73	135.5	909.2						7/01/73	111.7	903.3	
				9/04/73	144.3	900.4						9/01/73	119.7	895.3	
015/04W-23G03 S 36			1044.0	10/07/72	144.7(1)	899.3	3847	REDON ANDS HYDRO SURAREA							Y-01.F1
				11/07/72	134.5(1)	909.5		015/02W-19D01 S 36			1608.4	11/21/72	305.2	1303.2	3400
				12/05/72	95.5	948.5									
				1/02/73	86.8	957.2		015/03W-13D01 S 36			1520.3	11/21/72	233.8	1286.5	3400
				2/06/73	88.3	955.7						4/28/73	NM-1		
				3/06/73	80.3	963.7		015/03W-24C01 S 36			1519.7	11/21/72	251.5	1268.2	3400
				4/03/73	76.0	968.0									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT REDLANDS HYDRO SUBAREA							Y-01 Y-01.E Y-01.E3	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT CRAFTON HYDRO SUBAREA							Y-01 Y-01.E Y-01.F6
01S/03W-24C01 S 36			1519.7	1/31/73	239.9	1279.8	3400	02S/03W-01D01 S			1789.6	6/28/73	221.1(1)	1568.5	5206
(CONTINUED)				4/28/73	242.5	1277.2		(CONTINUED)				7/30/73	230.1(1)	1559.5	
				8/28/73	246.5	1273.2						8/30/73	225.1(1)	1564.5	
												9/26/73	207.1	1582.5	
01S/03W-24P01 S 36			1583.0	11/24/72	291.9	1291.1	3400	SANTA ANA CANYON HYDRO SUBAREA							Y-01.F7
				4/28/73	290.5	1292.5		01S/02W-08C01 S 36			1811.0	11/20/72	86.4	1724.6	3400
01S/03W-26C01 S			1440.0	10/24/72	213.0	1227.0	5206					2/01/73	54.2	1756.8	
				11/20/72	215.0	1225.0						4/01/73	22.3	1788.7	
				12/27/72	215.0	1225.0						8/28/73	70.9	1740.1	
				1/27/73	212.0	1228.0		MILL CREEK HYDRO SUBAREA							Y-01.F8
				2/27/73	213.0	1227.0		01S/01W-08G01 S			3570.0	10/25/72	76.0(1)	3494.0	5206
				3/27/73	208.0	1232.0						11/21/72	75.0(1)	3495.0	
				5/30/73	214.0	1226.0						12/29/72	73.0(1)	3497.0	
				6/28/73	231.0(1)	1209.0						1/30/73	11.0	3559.0	
				7/31/73	214.0	1226.0						2/26/73	9.0	3561.0	
				8/31/73	215.0	1225.0						3/30/73	9.0	3561.0	
				9/26/73	212.0	1228.0						4/29/73	9.0	3561.0	
01S/03W-32J01 S 36			1263.3	11/21/72	127.6	1135.7	3400					5/20/73	10.0	3560.0	
MENTONE HYDRO SUBAREA							Y-01.E4					6/29/73	9.0	3561.0	
01S/02W-18R01 S			1762.6	11/20/72	226.5	1536.1	3400					7/31/73	11.0	3559.0	
				4/28/73	219.2	1543.4						8/31/73	15.0	3555.0	
01S/02W-19K01 S 36			1723.9	11/20/72	168.7	1555.2	3400					9/27/73	11.0	3559.0	
01S/02W-20K01 S 36			1907.0	11/20/72	92.4	1814.6	3400	01S/01W-10L01 S 19			4140.0	10/25/72	143.0(1)	3997.0	5206
01S/02W-21D01 S 36			1965.0	10/25/72	67.0	1898.0	5206					11/21/72	185.0(1)	3955.0	
				11/21/72	69.0	1896.0						12/29/72	140.0(1)	4000.0	
				12/27/72	67.0	1898.0						1/30/73	122.0	4018.0	
				1/30/73	62.0	1903.0						2/26/73	107.0	4033.0	
				2/26/73	62.0	1903.0						3/30/73	86.0	4054.0	
				3/29/73	29.0	1936.0						4/29/73	59.0	4081.0	
				4/29/73	21.0	1944.0						5/20/73	30.0	4110.0	
				5/20/73	20.0	1945.0						6/29/73	28.0	4112.0	
				6/28/73	28.0	1937.0						7/31/73	31.0	4109.0	
				7/31/73	38.0	1927.0						8/31/73	37.0	4103.0	
				8/31/73	26.0	1939.0						9/27/73	39.0	4101.0	
				9/27/73	49.0	1916.0		01S/01W-11001 S 36			4575.0	10/25/72	126.0(1)	4449.0	5206
01S/02W-29C01 S 36			1835.0	11/24/72	89.0	1746.0	3400					11/21/72	98.0	4477.0	
RESERVOIR HYDRO SUBAREA							Y-01.E5					12/27/72	114.0(1)	4461.0	
01S/02W-29M01 S 36			1851.8	11/24/72	279.8	1572.0	3400					1/30/73	110.0(1)	4465.0	
01S/02W-29N01 S 36			1896.4	11/24/72	324.6	1571.8	3400					2/26/73	83.0	4492.0	
01S/02W-31R01 S 36			1880.7	11/24/72	309.6	1571.1	3400					3/30/73	62.0	4513.0	
01S/03W-35G08 S 36			1565.8	10/24/72	121.0	1444.8	5206					4/29/73	16.0	4559.0	
				11/20/72	120.0	1445.8						5/30/73	8.0	4567.0	
				12/26/72	113.0	1452.8						6/29/73	11.0	4564.0	
				1/29/73	141.0(1)	1426.8						7/31/73	27.0	4548.0	
				2/26/73	107.0	1458.8						8/31/73	65.0(1)	4510.0	
				3/29/73	107.0	1458.8						9/27/73	83.0(1)	4492.0	
				4/28/73	112.0	1453.8		01S/02W-09001 S 36			2150.8	11/20/72	186.1	1964.7	3400
				5/30/73	113.0(1)	1452.8						11/20/72	42.6	2047.4	3400
				6/28/73	77.0	1488.8						4/01/73	18.9	2071.1	
				7/30/73	112.0	1453.8									
				8/30/73	112.0	1453.8		01S/02W-21F01 S 36			2015.0	10/25/72	73.0(1)	1942.9	5206
				9/26/73	110.0	1455.8						11/21/72	62.0	1953.9	
01S/03W-35G09 S 36			1576.7	3/30/73	123.5	1453.2	5206					12/27/72	60.0	1955.9	
				4/29/73	133.5	1443.2						1/30/73	61.0(1)	1952.9	
				5/30/73	134.5	1442.2						2/26/73	54.0	1961.4	
				6/29/73	135.5	1441.2						3/29/73	31.0	1984.4	
				7/30/73	134.5	1442.2						4/29/73	32.0(1)	1983.4	
				8/30/73	142.5	1434.2						5/20/73	23.0	1992.9	
				9/26/73	184.5(1)	1392.2						6/28/73	26.0	1989.9	
01S/03W-35H03 S 36			1571.1	10/24/72	124.9	1446.2	5206					7/31/73	33.0	1982.4	
				11/20/72	131.9	1439.2						8/31/73	39.0	1976.9	
				12/26/72	120.9	1450.2						9/27/73	43.0	1972.9	
				1/29/73	118.9	1452.2		01S/02W-21M01 S 36			1955.1	10/25/72	37.6	1917.7	5206
				2/26/73	113.9	1457.2						11/21/72	34.6	1920.7	
				3/29/73	111.9	1459.2						12/27/72	30.6	1924.7	
				5/20/73	132.9(1)	1438.2						1/30/73	27.6	1927.7	
				6/28/73	124.9	1446.2						2/26/73	25.6	1929.7	
				7/30/73	127.9(1)	1443.2						3/29/73	16.6	1938.7	
				8/31/73	157.9(1)	1413.2						4/29/73	22.6	1932.7	
01S/03W-35L03 S 36			1615.0	11/24/72	173.6	1441.4	3400					5/20/73	22.6	1932.7	
CRAFTON HYDRO SUBAREA							Y-01.E6					6/28/73	15.6	1939.7	
01S/02W-29K01 S 36			1920.0	11/24/72	146.0	1774.0	3400					7/31/73	14.6	1940.7	
02S/03W-01D01 S			1789.6	10/24/72	201.1	1588.5	5206					8/31/73	16.6	1938.7	
				11/20/72	195.1	1594.5						9/27/73	17.6	1937.7	
				12/26/72	191.1	1598.5		SYCAMORE HYDRO SUBAREA							Y-01.E9
				1/29/73	187.1	1602.5		01N/05W-15K01 S			1598.3	10/01/72	245.1	1353.2	4706
				2/27/73	184.1	1605.5						11/01/72	250.7	1347.6	
				3/29/73	184.1	1605.5						12/01/72	255.7	1342.6	
				4/28/73	182.1	1607.5						1/02/73	256.2	1342.1	
				5/30/73	219.1(1)	1570.5						2/01/73	198.7	1399.6	
												3/01/73	261.4	1336.9	
												4/01/73	259.9	1338.4	
												5/01/73	258.7	1339.6	
												6/01/73	261.2	1337.1	
												7/01/73	262.7	1335.6	
												8/01/73	266.1	1332.2	
												9/01/73	270.7	1327.6	
								01N/05W-15002 S 36			1590.8	10/01/72	243.5	1347.3	4706
												11/01/72	249.0	1341.8	
												12/01/72	252.0	1338.8	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT SYCAMORE HYDRO SUBAREA							Y-01 Y-01.E Y-01.E9	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT SYCAMORE HYDRO SUBAREA							Y-01 Y-01.F Y-01.F9
01N/05W-15002 S 36 (CONTINUED)			1590.8	1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	253.5 255.7 257.2 254.0 252.5 253.8 258.0 262.5 266.5	1337.3 1335.1 1333.6 1336.8 1338.3 1337.0 1332.8 1328.3 1324.3	4706	01N/05W-36P01 S 36 (CONTINUED)			1247.4	11/15/72 1/29/73 3/16/73 4/17/73 5/16/73 6/13/73 7/18/73 8/14/73 9/13/73	88.9 81.8 101.6(1) 110.8(1) 119.2(1) 121.8(1) 122.1(1) 95.5 102.7	1158.5 1165.6 1145.8 1136.4 1128.2 1125.6 1125.3 1151.9 1144.7	3230
01N/05W-22A01 S 36			1549.8	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	214.5(1) 219.1(1) 212.2 221.4 235.3(1) 228.4(1) 228.4 226.0(1) 223.7(1) 228.4(1) 230.7(1)	1335.3 1330.7 1337.6 1328.4 1314.5 1321.4 1321.4 1323.8 1326.1 1321.4 1319.1	4706	SAN TIMOTEO HYDRO SUBUNIT SAN TIMOTEO HYDRO SUBAREA							Y-01.F Y-01.F2
01N/05W-23A01 S 36			1514.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	80.0 80.0 85.0 80.0 80.0 80.0 135.0(1) 150.0(1) 100.0 100.0 150.0(1) 100.0	1434.0 1434.0 1429.0 1434.0 1434.0 1434.0 1379.0 1364.0 1414.0 1414.0 1364.0 1414.0	4793	02S/01W-34J01 S 33			2718.7	7/06/73	493.3	2225.4	5702
01N/05W-23A02 S 36			1507.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	140.0(1) 135.0(1) 140.0(1) 85.0 80.0 80.0 80.0 85.0 80.0 135.0(1) 145.0(1) 145.0(1)	1367.0 1372.0 1367.0 1422.0 1427.0 1427.0 1427.0 1422.0 1427.0 1372.0 1362.0 1362.0	4793	02S/01W-34M01 S 33			2656.8	10/26/72 4/19/73	394.3 394.6	2262.5 2262.2	5103
01N/05W-23M01 S 36			1496.2	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	90.2 85.2 85.2 80.2 80.2 80.2 80.2 115.2(1) 80.2 100.2 100.2 100.2	1406.0 1411.0 1411.0 1416.0 1416.0 1416.0 1416.0 1381.0 1416.0 1396.0 1396.0 1396.0	4793	02S/02W-20K01 S 33			1877.7	4/20/73	24.0(1)	1853.7	5103
01N/05W-24E01 S			1472.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	195.0(1) 175.0(1) 190.0(1) 190.0(1) 185.0(1) 180.0(1) 140.0 115.0 175.0(1) 185.0(1) 195.0(1) 190.0(1)	1277.0 1297.0 1282.0 1282.0 1287.0 1292.0 1332.0 1357.0 1297.0 1287.0 1277.0 1282.0	4793	02S/02W-25P01 S 33			2299.1	10/26/72 4/19/73	83.0 81.7	2216.1 2217.4	5103
01N/05W-25F01 S			1383.4	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	103.0(1) 95.0 95.0 96.0 94.0 92.0 83.0 84.0 101.0(1) 107.0(1) 102.0 116.0(1)	1280.4 1288.4 1288.4 1287.4 1289.4 1291.4 1300.4 1299.4 1282.4 1276.4 1281.4 1267.4	4124	02S/02W-25D01 S 33			2247.8	10/26/72 4/19/73	NM-7 NM-1		5103
01N/05W-26A03 S 36			1398.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	113.0(1) 121.0 121.0 129.0(1) 112.0 110.0 101.0 91.0 93.0 99.0(1) 100.0 101.0	1285.0 1277.0 1277.0 1269.0 1286.0 1288.0 1297.0 1307.0 1305.0 1299.0 1298.0 1297.0	4124	02S/02W-25D05 S 33			2236.5	10/26/72 4/19/73	NM-7 NM-7		5103
01N/05W-36J03 S 36			1261.5	5/00/73	92.1	1169.4	4124	02S/02W-35D01 S 33			2234.5	10/26/72 4/19/73	NM-7 NM-7		5103
01N/05W-36R01 S 36			1247.4	10/13/72	92.5	1154.9	3230	03S/01W-04K01 S 33			2580.0	12/14/72 2/23/73	331.2 329.6	2248.8 2250.4	5702
								03S/01W-04002 S 33			2571.3	12/14/72 2/23/73 4/27/73 7/06/73	NM-1 NM-1 NM-1 NM-1		5702
								03S/01W-06F01 S 33			2333.0	10/26/72 4/19/73	116.2 115.8	2216.2 2217.2	5103
								03S/01W-06L01 S 33			2334.8	10/26/72 4/19/73	47.2 47.0	2287.6 2287.8	5103
								03S/01W-07C01 S 33			2333.9	10/26/72 4/10/73	13.1 8.9	2320.8 2325.0	5103
								03S/01W-09001 S 33			2560.0	12/18/72 1/18/73 2/21/73 3/13/73 4/19/73 5/15/73 7/05/73	NM-7 NM-7 NM-7 NM-7 NM-7 NM-1 NM-8		5103
								CHERRY VALLEY HYDRO SUBAREA							Y-01.F3
								02S/02W-14J02 S 33			2419.0	10/26/72 4/19/73	207.1 202.8	2211.4 2216.2	5103
								02S/02W-23M01 S 33			2387.1	10/26/72 4/19/73	224.6 216.5	2162.5 2170.8	5103
								CHICKEN HILL HYDRO SUBAREA							Y-01.F4
								02S/02W-02N02 S 33			2365.0	10/30/72 12/05/72 3/01/73 4/18/73 5/24/73 7/02/73 9/04/73	259.1 335.2 278.3 358.0(1) 281.6 372.0(1) 392.0(1)	2105.4 2029.8 2086.7 2007.0 2083.4 1993.0 1973.0	5419
								02S/02W-02M02 S 33			2387.0	10/30/72 12/05/72 3/01/73 4/18/73 5/24/73 7/02/73 9/04/73	285.4 290.3 288.5 287.6 285.2 283.9 281.2	2101.6 2096.7 2098.5 2099.4 2101.8 2103.1 2105.8	5419
								02S/02W-02N01 S 33			2340.0	10/30/72 12/05/72 3/01/73 4/18/73 5/24/73 7/02/73 9/04/73	361.4(1) 315.0 246.5 246.8 253.3 243.7 242.1	1978.6 2025.0 2093.5 2093.2 2101.8 2096.3 2097.9	5419
								02S/02W-11N02 S 33			2320.0	10/30/72 12/05/72 3/01/73 4/18/73 5/24/73 7/02/73 9/04/73	230.0 216.5 209.5 208.5 206.8 206.4 206.1	2090.0 2103.5 2110.5 2111.5 2113.2 2113.6 2113.9	5419



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT GATEWAY HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT NORTH CREEK HYDRO SUBAREA							
							Y-01 Y-01.F Y-01.F5								Y-01 Y-01.F Y-01.F4
01S/02W-25M02 S 36			2610.0	10/30/72	290.0	2320.0	5419	02S/01W-01F01 S 36			4355.0	10/12/72	31.4(1)	4323.6	5407
				12/05/72	231.5	2378.5						11/12/72	33.4(1)	4321.4	
				3/01/73	222.0	2388.0						12/12/72	33.0(1)	4322.0	
				4/18/73	221.6	2388.4						1/15/73	30.0(1)	4325.1	
				5/24/73	220.4	2389.6						2/15/73	17.0(1)	4338.1	
				7/02/73	359.2(1)	2250.8						3/15/73	19.2(1)	4335.4	
				9/04/73	239.7	2370.3						4/15/73	19.4(1)	4335.6	
01S/02W-30R03 S 36			1709.4	11/24/72	137.3	1572.1	3400					5/09/73	20.7(1)	4334.3	
				4/28/73	119.0	1590.4						6/14/73	30.4(1)	4324.6	
OAK GLEN HYDRO SUBAREA												7/17/73	15.7(1)	4339.3	
							Y-01.F6					8/06/73	19.4(1)	4335.6	
01S/02W-36C04 S 36			2635.0	11/09/72	281.0	2354.0	5101					9/14/73	27.6(1)	4327.4	
				12/05/72	277.3	2357.7		02S/01W-02G01 S 36			4400.0	10/12/72	40.1	4359.4	5407
				2/01/73	277.1	2357.9						11/12/72	40.2	4359.4	
				5/04/73	269.2	2365.8						12/12/72	38.7	4361.1	
				6/08/73	271.0(3)	2364.0						1/15/73	26.0	4374.1	
				7/11/73	298.0(2)	2337.0						2/15/73	12.2	4387.4	
				8/01/73	294.0(2)	2341.0						3/15/73	21.0	4379.0	
				9/07/73	304.4(3)	2330.6						4/15/73	106.4(1)	4243.6	
01S/02W-36F01 S 36			2605.0	10/30/72	236.7	2368.3	5419					5/09/73	103.5(1)	4248.5	
				12/05/72	263.5	2341.5						6/14/73	104.0(1)	4246.0	
				3/01/73	240.6	2364.4						7/17/73	107.0(1)	4293.0	
				4/18/73	236.8	2368.2						8/06/73	21.0	4374.0	
				5/24/73	253.7	2351.3						9/14/73	108.2(1)	4291.4	
				7/02/73	287.4	2317.6		02S/01W-02H01 S 36			4350.0	10/12/72	16.2	4333.8	5407
01S/02W-36N01 S 36			2560.2	10/30/72	285.5(1)	2274.7	5419					11/10/72	19.6	4330.4	
				12/05/72	228.0	2332.2						12/12/72	18.4	4331.6	
				3/01/73	221.7	2338.5						1/15/73	19.6	4330.4	
				4/18/73	267.5(1)	2292.7						2/15/73	12.6	4337.4	
				5/24/73	268.7(1)	2291.5						3/15/73	15.0	4335.0	
				7/02/73	288.5(1)	2271.7						4/15/73	16.4	4333.6	
				9/04/73	226.5	2333.7						5/09/73	27.6	4322.4	
01S/02W-36R01 S 36			2710.0	10/30/72	338.8	2371.2	5419					6/14/73	19.5	4330.5	
				12/05/72	337.3	2372.7						7/17/73	13.2	4336.4	
				3/01/73	334.5	2375.5						8/06/73	15.1	4334.4	
				4/18/73	333.9	2376.1						9/14/73	15.3	4334.7	
				5/24/73	334.3	2375.7		02S/01W-02H03 S 36			4350.0	10/12/72	94.4(1)	4253.6	5407
				7/02/73	335.5	2474.5						11/12/72	98.0(1)	4252.0	
				9/04/73	335.0	2375.0						12/12/72	46.2	4303.4	
02S/02W-01F01 S 36			2560.0	10/30/72	233.3	2326.7	5419					1/15/73	14.6	4335.4	
				12/05/72	230.4	2329.6						2/15/73	14.7	4335.3	
				3/01/73	229.0	2331.0						4/15/73	13.6	4336.4	
				4/18/73	228.5	2331.5						5/09/73	12.7	4337.4	
				5/24/73	228.7	2331.3						6/14/73	84.6(1)	4265.4	
				7/02/73	229.3	2330.7						7/17/73	92.0(1)	4258.0	
				9/04/73	228.8	2331.2						8/06/73	14.2	4335.4	
SOUTH MESA HYDRO SUBAREA												9/14/73	31.0	4314.0	
							Y-01.F7	02S/01W-02J01 S 36			4234.5	10/12/72	47.7	4186.4	5407
01S/01W-32R01 S 36			3328.0	10/30/72	26.5(1)	3301.5	5419					11/12/72	48.6	4185.4	
				12/05/72	32.4	3295.6						12/12/72	48.2	4186.3	
				3/01/73	22.0	3306.0						1/15/73	41.6	4192.4	
				4/18/73	19.1	3308.9						2/15/73	35.7	4198.4	
				5/24/73	29.9(1)	3298.1						3/15/73	32.0	4202.5	
				7/02/73	24.1	3303.9						4/15/73	23.4	4211.1	
				9/04/73	24.9	3303.1						5/09/73	19.3	4215.2	
01S/01W-32C01 S 36			3338.0	10/30/72	62.2(1)	3275.8	5419					6/14/73	20.4	4214.1	
				12/05/72	37.5	3300.5						7/17/73	37.0	4197.5	
				3/01/73	48.7	3289.3						8/06/73	106.0(1)	4128.5	
				5/24/73	54.4	3283.6						9/14/73	107.4(1)	4127.1	
				7/02/73	NW-1			02S/01W-02K01 S 33			4235.0	1/15/73	67.0	4164.1	5407
02S/01W-08C01 S			2888.6	12/05/72	NW-1		5101					2/15/73	62.3	4172.7	
				3/14/73	NW-1							3/15/73	66.8	4168.2	
				4/05/73	NW-1							4/15/73	37.8	4197.2	
				6/08/73	NW-1							5/09/73	32.0	4203.0	
				8/01/73	NW-1							6/14/73	37.4	4197.6	
				9/07/73	NW-1							7/17/73	40.4	4194.4	
02S/02W-11A01 S 36			2440.0	10/30/72	367.1(1)	2072.9	5419					8/06/73	40.6	4194.4	
				12/05/72	316.0	2124.0						9/14/73	53.0	4182.0	
				3/01/73	309.2	2130.8		02S/01W-02K02 S 33			4080.0	10/12/72	214.0(1)	3866.0	5407
				4/18/73	352.2(1)	2087.8						11/12/72	94.3	3985.7	
				5/24/73	257.5(1)	2182.5						12/12/72	94.8	3985.2	
				7/02/73	307.1	2132.9						1/15/73	137.0	3943.0	
				9/04/73	305.2	2134.8						2/15/73	106.8	3973.2	
02S/02W-11R01 S 36			2419.8	10/30/72	315.8	2104.0	5419					3/15/73	122.0	3958.0	
				3/01/73	329.5(1)	2090.3						4/15/73	85.2	3994.9	
				4/18/73	332.3(1)	2087.5						5/09/73	65.0	4015.7	
				5/24/73	288.2	2131.6						6/14/73	68.4	4011.6	
				7/02/73	333.7(1)	2086.1						7/17/73	136.2(1)	3943.8	
				9/04/73	336.5(1)	2083.3						8/06/73	241.0(1)	3839.0	
02S/02W-11R02 S 36			2380.0	10/30/72	337.5(1)	2042.5	5419					9/14/73	263.0(1)	3817.0	
				12/05/72	279.3	2100.7		02S/01W-02P01 S			4160.0	10/12/72	16.4	4143.6	5407
				3/01/73	265.7	2114.3						11/12/72	20.4	4139.6	
				4/18/73	269.2	2110.8						12/12/72	19.8	4140.2	
				5/24/73	267.2	2112.8						1/15/73	22.7	4137.3	
				7/02/73	269.3	2110.7						2/15/73	14.2	4145.8	
				9/04/73	322.9	2057.1						3/15/73	17.0	4143.0	
												4/15/73	24.4	4135.6	
												5/09/73	27.6	4132.4	
												6/14/73	28.2	4131.8	
												7/17/73	17.0	4143.0	
												8/06/73	37.2(1)	4122.8	
												9/14/73	27.3(1)	4132.7	
								02S/01W-10J01 S 36			3660.3	10/12/72	13.4	3646.9	5407
												11/12/72	13.8	3646.5	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT NORIE CREEK HYDRO SUBAREA								SAN JACINTO VALLEY HYDRO UNIT PERDIS HYDRO SUBUNIT PERDIS VALLEY HYDRO SUBAREA							
Y-01 Y-01.F Y-01.F9								Y-02 Y-02.A Y-02.A1							
02S/01W-10J01 S 36			3660.3	12/12/72	14.3	3646.0	5407	03S/03W-06D01 S 33			1650.0	10/06/72	223.6	1426.4	5103
(CONTINUED)				1/15/73	20.0	3640.3						4/05/73	198.0	1452.0	
				2/16/73	34.6(1)	3625.7		03S/03W-07F01 S			1600.0	10/06/72	140.2	1459.8	5103
				3/15/73	14.4	3645.9						12/12/72	136.3	1463.7	
				4/15/73	14.8	3645.5						1/04/73	135.6	1464.4	
				5/09/73	22.4	3637.9						2/14/73	135.1	1464.9	
				6/14/73	36.8(1)	3623.5						3/07/73	134.7	1465.3	
				7/17/73	41.4(1)	3618.9						9/07/73	138.2	1461.8	
				8/06/73	20.4	3639.9		03S/03W-13D01 S			1595.5	10/17/72	139.0	1456.5	5103
				9/14/73	43.8(1)	3616.5						11/22/72	138.4	1457.1	
02S/01W-22H02 S 33			3120.0	1/15/73	68.8	3051.2	5407					2/21/73	138.0	1457.5	
				2/15/73	60.4	3059.6						3/13/73	138.4	1457.1	
				3/15/73	66.0	3054.0						4/13/73	138.1	1457.4	
				4/15/73	89.3(1)	3030.7						5/15/73	138.0	1457.5	
				5/09/73	87.4(1)	3032.6						6/19/73	137.9	1457.6	
				6/14/73	91.3(1)	3028.7						7/05/73	137.9	1457.6	
				7/17/73	91.0(1)	3029.0						8/16/73	137.9	1457.6	
				8/06/73	90.4(1)	3029.6		03S/03W-31C02 S 33			1475.4	10/06/72	216.5	1258.9	5103
				9/19/73	89.0(1)	3031.0						4/06/73	213.6	1261.8	
02S/01W-22M01 S 33			2953.0	11/22/72	97.9	2855.1	5103	03S/04W-24D01 S			153.4	7/17/73	NM-1		5103
				12/14/72	98.7	2854.3						8/10/73	NM-1		
				2/21/73	102.0	2851.0		04S/03W-04G01 S 33			1480.0	10/02/72	41.5	1438.5	5050
				4/19/73	95.5	2857.5						11/01/72	41.1	1438.9	
				5/15/73	96.7	2856.3						12/18/72	41.0	1439.0	
				7/05/73	102.7	2850.3						1/04/73	41.1	1438.9	
02S/01W-22M02 S			2942.8	10/26/72	NM-1		5103					2/02/73	40.7	1439.3	
02S/01W-23D01 S			3200.0	1/15/73	44.4	3155.6	5407					3/16/73	41.0	1439.0	
02S/01W-27R02 S 33			2875.0	10/12/72	621.4	2253.6	5407					4/05/73	40.9	1439.1	
				11/12/72	618.4	2256.6						5/07/73	40.5	1439.5	
				12/12/72	618.0	2257.0						6/01/73	40.8	1439.2	
				1/15/73	595.0	2280.0						7/06/73	40.5	1439.5	
				2/15/73	593.0	2282.0						8/08/73	40.3	1439.7	
				3/15/73	587.0	2288.0		04S/03W-04K01 S 33			1470.0	2/02/73	51.6	1418.4	5050
				4/15/73	590.0	2285.0						3/16/73	50.8	1419.2	
				5/09/73	592.0	2283.0						4/05/73	51.3	1418.7	
				6/14/73	586.0	2289.0						5/07/73	51.2	1418.8	
				7/17/73	593.0	2282.0						6/01/73	50.9	1419.1	
				8/06/73	595.0	2280.0						7/06/73	51.2	1418.8	
				9/14/73	551.8	2323.2						8/08/73	51.1	1418.9	
								04S/03W-04Q01 S			1460.0	10/02/72	DPY		5050
												11/01/72	DPY		
												12/18/72	DPY		
												1/04/73	DPY		
												2/02/73	DPY		
												3/16/73	DPY		
												4/13/73	DPY		
												5/07/73	DPY		
												6/01/73	DPY		
												7/06/73	DPY		
												8/08/73	DPY		
								04S/03W-06H01 S 33			1460.0	10/25/72	360.0(5)	1100.0	5050
												11/22/72	323.0(5)	1137.0	
												12/06/72	320.7(5)	1139.3	
												1/31/73	316.0(5)	1144.0	
												2/28/73	316.0(5)	1144.0	
												6/13/73	325.3	1134.7	
								04S/03W-06H02 S 33			1460.0	10/12/72	314.9(5)	1145.1	5103
												11/21/72	312.9(5)	1147.1	
												12/14/72	308.0(5)	1152.0	
												1/05/73	305.7(5)	1154.3	
												2/14/73	306.7(5)	1153.3	
												3/08/73	306.7(5)	1153.3	
												4/06/73	298.8(5)	1161.2	
												5/23/73	310.3(5)	1149.7	
												6/13/73	317.2(5)	1142.8	
												9/13/73	310.3(5)	1149.7	
								04S/03W-10F01 S 33			1470.0	10/02/72	192.7	1287.3	5050
												11/01/72	180.0	1290.0	
												12/18/72	172.3	1297.7	
												1/04/73	170.6	1299.4	
												2/02/73	168.1	1301.9	
												3/16/73	168.0	1302.0	
												4/05/73	169.9	1304.1	
												5/07/73	162.6	1307.4	
												6/01/73	176.8	1295.2	
												7/06/73	179.1	1290.9	
												8/08/73	184.0	1286.0	
								04S/03W-10H01 S 33			1530.0	10/02/72	38.5	1491.5	5050
												11/01/72	38.6	1491.4	
												12/18/72	38.2	1491.8	
												1/04/73	38.5	1491.5	
												2/02/73	37.6	1492.4	
												3/16/73	36.6	1493.4	
												4/13/73	33.2	1496.8	
												5/07/73	30.0	1500.0	
												6/01/73	28.7	1501.3	
												7/06/73	28.7	1501.3	
												8/08/73	28.7	1501.3	
								04S/03W-16L01 S 33			1440.0	10/25/72	166.7	1273.3	5050
												11/22/72	166.4	1273.6	

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT PERRIS VALLEY HYDRO SUBAREA								SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT MENDOCINO HYDRO SUBAREA							
						Y-02 Y-02.A Y-02.A1								Y-02 Y-02.A Y-02.A2	
04S/03W-16L01 S 33			1440.0	12/06/72	166.5	1273.5	5050	06S/03W-03H02 S			1430.0	9/11/73	148.0	1282.0	5103
(CONTINUED)				1/05/73	166.5	1273.5		06S/03W-14N01 S 33			1485.0	10/12/72	15.4	1469.6	5103
				2/05/73	166.2	1273.8						11/17/72	14.9	1470.1	
				3/29/73	166.3	1273.7						12/12/72	14.3	1470.7	
				4/27/73	166.1	1273.9						1/08/73	14.3	1470.7	
				5/25/73	166.0	1274.0						2/15/73	11.7	1473.3	
				7/06/73	166.0	1274.0						3/09/73	10.8	1474.2	
				8/08/73	166.1	1273.9						4/06/73	9.5	1475.5	
04S/03W-18G01 S 33			1463.0	10/25/72	268.7	1194.3	5050					5/16/73	10.5	1474.5	
				11/22/72	267.8	1195.2						6/13/73	11.0	1474.0	
				1/05/73	266.7	1196.3						7/13/73	11.7	1473.3	
				2/28/73	265.1	1197.9						8/10/73	12.3	1472.7	
				3/29/73	264.6	1198.4						9/11/73	13.0	1472.0	
				4/27/73	264.3	1198.7									
				5/25/73	264.1	1198.9									
				7/06/73	263.4	1199.6									
				8/08/73	263.1	1199.9									
04S/03W-19R01 S 33			1440.0	10/25/72	243.7	1196.3	5050								
				11/22/72	239.5	1200.5									
				1/05/73	238.2	1201.8									
				2/28/73	235.0	1205.0									
				3/29/73	234.3	1205.7									
				4/27/73	237.5	1202.5									
				5/25/73	238.7	1201.3									
				7/06/73	241.2	1198.8									
				8/08/73	240.7	1199.3									
04S/03W-22N05 S			1435.0	10/25/72	58.4	1376.6	5050								
				11/25/72	58.2	1376.8									
				12/06/72	57.4	1377.6									
				1/05/73	57.2	1377.8									
				2/28/73	58.2	1376.8									
				3/29/73	58.3(1)	1376.7									
				4/27/73	58.6	1376.4									
				5/25/73	58.7	1376.3									
				7/06/73	58.9	1376.1									
				8/08/73	59.1	1375.9									
04S/03W-29R01 S 33			1417.0	10/11/72	206.6	1210.4	5103								
				11/13/72	205.0	1212.0									
				12/12/72	206.8	1210.2									
				1/08/73	202.8	1214.2									
				2/14/73	201.6	1215.4									
				3/09/73	197.9	1219.1									
				4/06/73	200.2	1216.8									
				6/13/73	203.2	1213.8									
				7/05/73	204.0	1213.0									
				8/10/73	204.3	1212.7									
04S/03W-29R02 S 33			1420.0	10/25/72	214.8	1205.2	5050								
				11/22/72	217.9	1202.1									
				12/06/72	203.8	1216.2									
				1/12/73	213.1	1206.9									
				2/28/73	204.8	1215.2									
				3/09/73	200.7	1219.3									
				4/27/73	200.0	1220.0									
				6/07/73	203.3	1216.7									
				7/06/73	203.9	1216.1									
				8/08/73	204.9	1215.1									
04S/03W-35F01 S 33			1431.9	10/11/72	202.1	1229.8	5103								
				4/06/73	198.6	1233.3									
04S/04W-12F01 S			1540.0	10/06/72	38.8	1501.2	5103								
				11/13/72	38.3	1501.7									
				12/12/72	38.1	1501.9									
				1/04/73	38.9	1501.1									
				2/14/73	37.5	1502.5									
				3/09/73	37.3	1502.7									
				4/06/73	37.5	1502.5									
				6/13/73	38.5	1501.5									
				8/10/73	37.8	1502.2									
05S/03W-05R02 S 33			1415.0	10/12/72	161.8	1253.2	5103								
				2/14/73	178.0(8)	1237.0									
				3/08/73	171.0(8)	1244.0									
				4/06/73	178.6	1236.4									
				5/22/73	177.8	1237.2									
				6/13/73	178.8	1236.2									
				7/05/73	161.6	1253.4									
				8/10/73	162.0(3)	1253.0									
				9/11/73	161.9	1253.1									
MENDOCINO HYDRO SUBAREA								MENDOCINO HYDRO SUBAREA							
						Y-02.A2									
06S/03W-01J01 S 33			1429.0	11/21/72	175.9	1253.1	5103								
				1/16/73	172.5	1256.5									
				2/20/73	170.5	1258.5									
				3/12/73	169.4	1259.6									
				5/16/73	167.1	1261.9									
				6/15/73	166.3	1262.7									
				8/13/73	165.0(2)	1264.0									
				9/12/73	163.7	1265.3									
06S/03W-03H02 S			1430.0	1/08/73	159.3	1270.7	5103								
				4/06/73	157.0	1273.0									
				5/16/73	156.0	1274.0									
				6/13/73	151.0(3)	1279.0									
				7/13/73	149.8	1280.2									
				8/10/73	148.8	1281.2									
MENDOCINO HYDRO SUBAREA								MENDOCINO HYDRO SUBAREA							
						Y-02.A5									
05S/01W-20G03 S 33			1877.4	10/13/72	267.5	1609.9	5103								
				11/21/72	268.1	1609.3									
				12/15/72	263.9	1613.5									
				1/17/73	263.0	1614.4									
				2/20/73	262.3	1615.1									
				3/12/73	261.8	1615.6									
				4/12/73	261.5	1615.9									
				5/16/73	NM-1										
				6/19/73	NM-1										
				7/03/73	NM-1										
				8/16/73	NM-1										
				9/13/73	NM-1										
05S/01W-09L02 S			1549.0	1/17/73	NM-R		5103								
				6/15/73	NM-R										
				8/16/73	NM-R										
05S/01W-10R01 S 33			1584.7	11/21/72	205.3	1379.4	5103								
				12/15/72	207.7	1377.0									
				4/11/73	204.5	1380.2									
				5/16/73	206.0	1378.7									
				6/19/73	207.2	1377.5									
05S/01W-13C01 S			1688.0	10/13/72	NM-7		5103								
				4/11/73	NM-7										
05S/01W-20P01 S 33			1524.0	10/12/72	135.5	1388.5	5103								
				11/20/72	135.3	1388.7									
				12/15/72	135.4	1388.6									
				1/16/73	134.8	1389.2									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SAN JACINTO VALLEY HYDRO UNIT PEPPIS HYDRO SUBUNIT HEMET HYDRO SUBAREA								SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA							
05S/01W-20P01 S	33		1524.0	4/11/73	134.6	1389.4	5103	03S/01W-12F01 S	33		2578.0	5/09/73	329.4	2248.6	5407
(CONTINUED)				5/16/73	135.6	1388.4		(CONTINUED)				6/14/73	331.0	2247.0	
				6/15/73	136.0	1388.0						7/06/73	333.2	2244.8	5702
				7/03/73	136.4	1387.6						8/06/73	331.1	2246.9	5407
				8/16/73	137.0	1387.0						9/14/73	330.9	2247.1	
				9/12/73	137.2	1386.8									
05S/02W-12002 S	33		1498.5	10/12/72	66.3	1432.2	5103	03S/01W-12N01 S	33		2544.2	12/14/72	278.4	2265.8	5702
				4/11/73	63.0(2)	1435.5						2/23/73	271.2	2273.0	
												4/27/73	273.9	2270.1	
06S/01W-02D01 S			1684.0	10/12/72	83.5	1600.5	5103	03S/02W-07P01 S	33		1590.0	10/17/72	109.4	1480.6	5103
				11/20/72	83.5	1600.5						4/13/73	109.1	1480.9	
				12/14/72	83.5	1600.5		03S/02W-21C01 S			1440.0	10/17/72	NM-2		5103
				1/16/73	83.3	1600.7						4/13/73	NM-5		
				2/20/73	83.3	1600.7		03S/02W-29D01 S			1426.5	10/17/72	38.2	1388.3	5103
				3/12/73	83.3	1600.7						11/22/72	26.3	1400.2	
				4/11/73	83.2	1600.8						2/20/73	37.4	1389.1	
				5/16/73	83.3	1600.7						4/13/73	37.4	1389.1	
				6/19/73	83.4	1600.6		04S/01W-09002 S	33		1476.0	10/13/72	67.9(2)	1408.1	5103
				7/03/73	83.4	1600.6						12/15/72	66.8	1409.2	
				8/16/73	83.3	1600.7						1/17/73	66.2(2)	1409.0	
				9/17/73	83.4	1600.6						2/20/73	64.6	1411.4	
06S/01W-10A01 S			1698.0	10/17/72	90.8	1607.2	5103					3/13/73	63.8(2)	1412.2	
				4/11/73	90.7	1607.3						4/12/73	64.1(2)	1411.0	
SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA								SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA							
05S/01E-06P01 S	33		1676.0	10/13/72	204.8	1471.2	5103					5/15/73	67.4(2)	1408.6	
				11/21/72	204.7	1471.3						6/19/73	68.7(2)	1407.3	
				12/15/72	204.7	1471.3						7/03/73	69.1(2)	1406.9	
				1/17/73	204.9	1471.1						8/16/73	69.0	1407.0	
				2/20/73	204.3	1471.7						9/13/73	69.8(2)	1406.2	
				3/13/73	204.2	1471.8		04S/01W-15001 S			1500.0	10/13/72	NM-5		5103
				4/12/73	204.4	1471.6						4/12/73	NM-5		
				5/15/73	204.6	1471.4		04S/01W-21P01 S	33		1494.0	10/13/72	67.1(2)	1426.4	5103
				6/19/73	204.6	1471.4						11/21/72	65.1(2)	1428.9	
				7/03/73	204.5	1471.5						12/15/72	67.0(2)	1427.0	
				8/16/73	204.4	1471.6						3/13/73	69.5(2)	1424.5	
				9/13/73	204.6	1471.4						4/12/73	67.8(2)	1426.2	
05S/01E-07K01 S	33		1725.2	10/13/72	327.0	1398.2	5103					5/15/73	64.8	1429.2	
				11/21/72	327.5	1397.7						6/19/73	63.8(2)	1430.2	
				12/15/72	327.5	1397.7						7/05/73	63.1(2)	1430.9	
				2/20/73	327.7	1397.5						8/16/73	66.8(2)	1427.2	
				3/13/73	327.7	1397.5						9/13/73	66.9	1427.1	
				4/12/73	327.8	1397.4		04S/02W-01M01 S			1436.5	4/13/73	134.8	1301.7	5103
				5/15/73	328.1	1397.1									
				6/19/73	328.6	1396.6		ELKSINORE HYDRO SUBUNIT ELKSINORE HYDRO SUBAREA							
				7/03/73	328.8	1396.4									
				8/16/73	329.6	1395.6		05S/05W-34002 S	33		1385.0	10/19/72	240.1	1144.9	5103
				9/13/73	330.2	1395.0						11/20/72	240.0	1145.0	
05S/01E-09J02 S			1784.2	10/12/72	NM-7		5103					12/14/72	240.2	1144.4	
05S/01E-09M01 S	33		1759.7	10/13/72	76.0	1683.7	5103					1/16/73	241.0(2)	1144.6	
				4/12/73	75.9	1683.8						2/16/73	241.5	1143.5	
05S/01E-14G01 S	33		1870.8	10/13/72	38.7	1832.1	5103					3/12/73	241.5	1143.5	
				11/21/72	41.2	1829.6						4/10/73	241.1	1143.9	
				12/15/72	42.2	1828.6						5/23/73	242.2	1142.8	
				1/17/73	43.0	1827.8						6/15/73	245.4	1139.6	
				2/20/73	42.1	1828.7						7/13/73	250.2	1134.4	
				3/12/73	40.9	1829.9						8/13/73	255.6(2)	1129.4	
				4/12/73	37.6	1833.2						9/12/73	259.8(2)	1125.2	
				5/15/73	37.5	1833.3		06S/04W-06J01 S	33		1280.0	10/18/72	26.2	1253.8	5103
				6/19/73	34.4	1836.4						4/09/73	26.7	1253.3	
				7/03/73	36.8	1834.0		06S/04W-07J03 S	33		1238.0	10/18/72	14.8	1223.2	5103
				8/16/73	37.2	1833.6						11/17/72	14.4	1223.6	
				9/13/73	38.4	1832.4						12/14/72	15.0	1223.0	
05S/01E-18F01 S			1730.0	10/13/72	NM-1		5103					1/08/73	15.6	1222.4	
				4/12/73	NM-7							2/16/73	16.8	1221.2	
05S/01E-21F01 S			1918.6	10/13/72	NM-9		5103					3/09/73	16.2	1221.8	
02S/01W-34001 S	33		2666.3	2/23/73	417.3	2249.0	5702					4/09/73	15.9	1222.1	
03S/01W-03K02 S	33		2642.8	12/14/72	396.0	2246.8	5702					6/14/73	15.9	1222.1	
				2/23/73	398.0	2244.8						7/13/73	16.7	1221.3	
03S/01W-03K03 S	33		2633.7	10/12/72	443.4	2190.3	5407					8/13/73	17.0	1221.0	
				11/24/72	394.4	2239.3						9/11/73	17.2	1220.8	
				12/12/72	390.4	2243.3		06S/04W-08L01 S	33		1272.6	4/09/73	71.6	1201.0	5103
				1/15/73	391.4	2242.3									
				2/16/73	380.4	2253.3		06S/04W-16D01 S	33		1260.0	10/18/72	97.6	1162.4	5103
				3/15/73	386.4	2247.3						11/17/72	97.9	1162.1	
				4/15/73	388.4	2245.3						12/14/72	98.5	1161.5	
				5/09/73	437.4(1)	2196.3						1/08/73	98.5	1161.5	
				6/14/73	430.4(1)	2203.3						2/16/73	99.0	1161.0	
				7/18/73	439.4(1)	2194.3						3/09/73	99.0	1161.0	
				8/06/73	440.4(1)	2193.3						5/22/73	97.8	1162.2	
				9/14/73	430.0	2203.7						6/14/73	96.0	1164.0	
03S/01W-12F01 S	33		2578.0	10/12/72	328.0	2250.0	5407					8/10/73	95.0	1165.0	
				11/12/72	329.0	2249.0						9/11/73	97.3	1162.7	
				12/14/72	333.2	2244.8	5702	06S/04W-16H01 S	33		1272.0	10/18/72	54.9	1217.1	5103
				1/15/73	330.8	2247.2	5407					4/09/73	55.1	1216.9	
				2/15/73	330.4	2247.6		06S/04W-19G01 S	33		1257.9	10/19/72	11.2	1246.7	5103
				3/15/73	330.4	2247.6						4/10/73	8.7	1249.2	
				4/15/73	330.0	2248.0		06S/04W-19K01 S	33		1284.0	10/19/72	24.6	1259.4	5103
												4/10/73	23.1	1260.9	

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TABLE C-1  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JACINTO VALLEY HYDRO UNIT							Y-02								
ELSINORE HYDRO SUBUNIT							Y-02.C								
ELSINORE HYDRO SUBAREA							Y-02.C1								
06S/04W-20001 S 33			1289.0	10/19/72	15.0	1274.0	5103								
				11/20/72	15.5	1273.5									
				12/14/72	15.0	1274.0									
				1/16/73	15.2	1273.8									
				2/16/73	14.8	1274.2									
				3/12/73	14.5	1274.5									
				4/10/73	14.2	1274.8									
				5/23/73	14.4	1274.6									
				6/15/73	14.6	1274.4									
				7/13/73	15.1	1273.9									
				8/13/73	15.5	1273.5									
				9/12/73	15.6	1273.4									
06S/04W-20002 S 33			1279.0	10/19/72	18.2	1260.8	5103								
				4/10/73	14.2	1264.8									
06S/04W-20R01 S 33			1263.0	10/19/72	15.0	1248.0	5103								
				4/10/73	12.2	1250.8									
06S/04W-22M01 S 33			1273.0	10/18/72	213.0	1060.0	5103								
06S/04W-23N01 S			1409.0	10/18/72	45.3	1363.7	5103								
				4/09/73	46.2	1362.8									
06S/04W-29C01 S			1330.0	4/10/73	40.9	1289.1	5103								
06S/04W-29M04 S			1325.0	10/19/72	36.9	1288.1	5103								
				4/10/73	35.8	1289.2									
06S/05W-02G01 S 33			1277.7	10/19/72	61.1	1216.6	5103								
				4/10/73	61.0	1216.7									
06S/05W-02L01 S 33			1278.0	10/19/72	62.2	1215.8	5103								
				4/10/73	62.0	1216.0									
06S/05W-02L02 S			1267.0	8/13/73	NM-1		5103								
				9/11/73	NM-1										
06S/05W-02M03 S			1286.8	10/19/72	NM-1		5103								
				4/10/73	NM-9										
06S/05W-03K02 S			1337.0	10/19/72	NM-2		5103								
				4/10/73	NM-2										
06S/05W-03N01 S 33			1375.0	11/20/72	59.0	1316.0	5103								
				12/14/72	59.5	1315.5									
06S/05W-03P01 S 33			1327.5	10/19/72	70.5	1257.0	5103								
				4/10/73	65.2	1262.3									
06S/05W-10R01 S 33			1285.0	10/19/72	7.4	1277.6	5103								
				4/10/73	4.9	1280.1									
06S/05W-10C01 S 33			1331.1	10/19/72	24.4	1306.7	5103								
				4/10/73	25.1	1306.0									
06S/05W-11M02 S 33			1290.0	10/19/72	19.5	1270.5	5103								
				4/10/73	18.6	1271.4									
06S/05W-11P02 S			1313.0	10/19/72	49.8	1263.2	5103								
06S/05W-13P01 S 33			1337.0	10/19/72	64.7	1272.3	5103								
				4/10/73	66.9	1270.1									
06S/05W-13002 S 33			1270.0	10/19/72	42.1	1227.9	5103								
				11/20/72	40.7	1229.3									
				12/14/72	39.6	1230.4									
				1/16/73	38.8	1231.2									
				2/16/73	37.9	1232.1									
				3/12/73	37.9	1232.1									
				4/10/73	38.2	1231.8									
				5/23/73	40.4	1229.6									
				6/15/73	41.1	1228.9									
				7/13/73	42.0	1228.0									
				8/13/73	42.0	1228.0									
				9/12/73	41.7	1228.3									
06S/05W-14A01 S 33			1271.3	10/19/72	23.9	1247.4	5103								
06S/05W-14F01 S 33			1506.6	10/19/72	35.5	1471.1	5103								

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TABLE C-1  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGO DRAINAGE PROVINCE SAN JUAN HYDRO UNIT LAGUNA HYDRO SUBUNIT ALISO HYDRO SUBAREA							Z Z-01 Z-01.A Z-01.A3	SAN JUAN HYDRO UNIT LAGUNA HYDRO SUBUNIT ALISO HYDRO SUBAREA							Z-01 Z-01.A Z-01.A3
05S/07W-32J01 S			1235.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	13.5 13.5 12.9 12.1 10.0 10.8 11.2 13.0 13.5	1221.5 1221.5 1222.1 1222.9 1225.0 1224.2 1223.8 1222.0 1221.5	5102	06S/08W-26F01 S 30 (CONTINUED)			422.0	4/09/73 5/07/73 6/11/73 8/20/73	23.9 24.1 24.7 27.8	398.1 397.4 397.3 394.2	5102
05S/07W-33001 S			1180.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 9/25/73	16.4 16.9 16.2 15.6 11.9 13.6 13.2 13.3	1163.6 1163.1 1163.8 1164.4 1168.1 1166.4 1166.8 1166.7	5102	06S/08W-26F03 S 30			421.9	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	18.0 18.4 18.0 17.9 15.6 15.7 16.7 17.0 17.8	403.9 403.5 403.9 404.0 406.1 406.2 405.2 404.4 404.1	5102
06S/07W-04C01 S 30			1160.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	23.4 23.3 21.7 22.0 12.3 10.4 9.8 11.2 12.8	1136.6 1136.7 1138.3 1138.0 1147.7 1149.6 1150.2 1148.8 1147.2	5102	06S/08W-26F04 S 30			420.2	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	17.3 19.0 17.2 17.7 15.7 15.1 15.7 17.0 17.6	402.4 401.2 403.0 402.5 404.5 405.1 404.5 403.2 402.4	5102
06S/08W-23J01 S 30			507.5	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	22.0 22.1 21.8 22.0 21.0 20.3 20.8 21.3 23.4	485.5 485.4 485.7 485.5 486.5 487.2 486.7 486.2 484.1	5102	06S/08W-26F05 S 30			431.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	26.7 28.9 28.7 29.0 27.6 26.1 26.7 26.8 27.5	404.3 402.1 402.3 402.0 403.4 404.4 404.4 404.2 403.5	5102
06S/08W-23002 S 30			451.2	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	16.3 16.7 15.8 15.0 13.9 12.4 11.6 13.0 15.1	434.9 434.5 435.4 436.2 437.3 438.8 439.6 438.2 436.1	5102	06S/08W-26M03 S 30			414.0	11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	23.9 27.7 23.6 22.9 22.1 22.3 22.7 23.3	390.1 386.3 390.4 391.1 391.4 391.7 391.3 390.7	5102
06S/08W-23R01 S 30			461.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	8.1 5.5 5.6 4.7 3.5 3.5 3.4 3.6 5.9	452.9 455.5 455.4 456.3 457.5 457.5 457.6 457.4 455.1	5102	06S/08W-27J01 S 30			396.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	21.7 21.7 22.0 21.3 19.4 19.5 20.7 20.4 23.3	374.5 374.3 374.0 374.7 376.6 376.5 375.4 375.4 377.4	5102
06S/08W-24M01 S 30			507.8	10/24/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	8.9 8.5 8.0 8.9 8.9 8.6 12.6 13.2(1)	498.9 499.3 499.8 498.9 498.9 499.2 495.2 494.6	5102	06S/08W-27001 S 30			377.7	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	17.7 16.7 16.8 17.4 15.5 14.2 14.1 14.8 15.8	360.0 361.0 360.4 360.4 362.7 363.4 363.4 362.9 361.4	5102
06S/08W-26B01 S 30			440.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	12.7 12.4 12.6 12.0 5.9 7.4 7.6 7.5 8.3	427.3 427.6 427.4 428.0 434.1 432.6 432.4 432.5 431.7	5102	06S/08W-27002 S 30			383.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	18.0 17.3 16.9 16.6 15.5 14.2 14.1 14.8 15.8	365.0 365.7 366.1 366.4 367.5 368.4 368.4 367.9 363.5	5102
06S/08W-26B02 S 30			453.8	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	13.2 13.6 12.3 12.6 9.2 7.8 8.2 8.5 10.1	440.6 440.2 441.5 441.2 444.6 446.0 445.6 445.3 443.7	5102	06S/08W-34B02 S 30			381.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	23.5 23.9 22.4 22.0 21.3 20.2 20.5 20.8 23.1	357.5 357.1 358.6 359.0 359.7 360.4 360.5 360.2 357.9	5102
06S/08W-26C01 S 30			438.0	11/20/72 12/11/72 1/22/73 2/26/73 4/09/73 5/07/73	24.9 24.5 26.2 21.2 20.2 20.6	413.1 413.5 411.8 416.8 417.8 417.4	5102	06S/08W-34C02 S 30			365.8	12/11/72 1/22/73 2/26/73 4/09/73 5/07/73 6/11/73 8/20/73	17.5 16.8 16.1 15.2 14.7 14.4 14.2	348.3 349.0 349.7 350.6 351.1 351.4 351.6	5102
06S/08W-26F01 S 30			422.0	10/24/72 11/20/72 12/11/72 1/22/73 2/26/73	26.2 26.2 27.1 26.3 25.2	395.8 395.8 394.9 395.7 396.8	5102	07S/08W-04G01 S			320.0	4/09/73 5/07/73 8/20/73	93.4 104.4 120.7	226.6 215.6 199.3	5102
								07S/08W-05R01 S			500.0	11/20/72 12/11/72 1/22/73 4/09/73 5/07/73	49.7 52.0 47.3 26.6 53.5	450.3 446.0 452.7 473.4 446.5	5102



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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JUAN HYDRO UNIT SAN JUAN HYDRO SUBUNIT							Z-01 Z-01.8	SAN JUAN HYDRO UNIT SAN JUAN HYDRO SUBUNIT							Z-01 Z-01.8
06S/07W-10R01 S			974.0	1/08/73 2/05/73 4/23/73 5/21/73	28.8 18.0 10.8 11.4	945.2 956.0 963.2 962.6	5102	07S/08W-36L01 S 30			171.3	9/20/73	27.5	143.8	5102
								07S/08W-36L02 S 30			158.5	10/25/72 9/20/73	26.2 15.8	132.3 142.7	5102
06S/07W-11J01 S 30			1082.8	10/09/72 11/03/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 9/25/73	40.8 41.1 22.4 13.5 2.2 7.9 14.4(1) 35.3	1042.0 1041.7 1060.4 1069.3 1080.6 1074.9 1068.4 1047.5	5102	07S/08W-36P03 S 30			140.2	10/19/72 12/19/72 6/14/73 9/20/73	26.5 27.3 28.4 17.6	113.7 112.9 111.8 122.6	5102
06S/07W-11N01 S 30			980.7	11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 9/25/73	29.3 27.9 12.8 8.7 9.6 10.0 24.3	951.4 952.8 967.9 972.0 971.1 970.7 956.4	5102	08S/07W-05R01 S 30			130.0	12/21/72 4/13/73 6/18/73 9/26/73	11.5 4.0 4.2 10.7	118.5 126.0 125.8 119.3	5102
								08S/07W-05C02 S 30			128.0	10/26/72 12/21/72	14.3 8.4	113.7 119.6	5102
06S/07W-11N02 S 30			994.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 9/25/73	30.4 34.7 31.8 9.5 6.7 9.5 12.5 26.2	963.6 959.3 962.2 984.5 987.3 984.5 981.5 967.8	5102	08S/07W-06K03 S 30			106.0	10/26/72 12/21/72	14.6 13.6	91.4 92.4	5102
								08S/07W-06P02 S 30			88.0	6/18/73	6.6	81.4	5102
06S/07W-12M01 S 30			1100.6	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73	43.3 41.9 20.5 13.3 5.1 7.5 13.2(1) 30.0(1)	1057.3 1058.7 1080.1 1087.3 1095.5 1093.1 1087.4 1070.6	5102	08S/07W-07C03 S 30			86.0	10/05/72 12/19/72 4/13/73 6/18/73 9/26/73	18.4 14.0 9.5 12.7 17.2	67.6 72.0 76.5 73.3 68.8	5102
								08S/08W-01F01 S 30			137.0	10/19/72 12/19/72 4/12/73 6/14/73 9/20/73	34.8 33.1 22.2 22.3 26.3	102.2 103.9 114.4 114.7 110.7	5102
06S/07W-12M02 S			1105.9	10/04/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73	DRY 23.9 15.9 9.7 11.0 16.7 DRY	5102	08S/08W-01K01 S 30			110.0	12/19/72 4/12/73 6/14/73 9/20/73	37.1 13.5 10.0 26.3	72.9 96.5 100.0 83.7	5102	
								08S/08W-01K02 S 30			105.0	10/19/72 12/19/72 4/12/73 6/14/73 9/20/73	40.8 35.0 10.7 9.7 7.2	64.2 70.0 94.3 95.1 97.8	5102
06S/07W-15R01 S 30			926.7	1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 9/25/73	22.1 19.6 4.4 6.8 5.6 19.9	904.6 907.1 922.3 919.9 921.1 906.8	5102	08S/08W-01L01 S 30			100.0	10/19/72 4/12/73	21.5 8.8	78.5 91.2	5102
06S/07W-15F03 S			900.0	4/23/73	NM-1		5102	08S/08W-01Q01 S 30			90.4	10/25/72 12/19/72 4/12/73 6/14/73	19.6 18.9 11.6 12.2	70.8 71.5 78.8 78.2	5102
07S/07W-32002 S 30			140.0	10/26/72 12/29/72 4/13/73 6/18/73 9/26/73	15.5 13.7 9.7 9.0 12.2	124.5 126.3 130.3 131.0 127.8	5102	08S/08W-12A01 S 30			80.0	10/26/72 12/19/72 4/13/73 6/18/73 9/26/73	21.3 19.8 17.5 18.6 22.7	58.7 60.2 62.5 61.4 57.3	5102
07S/07W-33M01 S 30			159.0	10/26/72 12/21/72 4/13/73 6/18/73	15.2 15.0 8.9 9.3	143.8 144.0 150.1 149.7	5102	08S/08W-12H02 S 30			75.0	10/26/72 12/19/72 4/13/73 6/18/73	5.8 5.2 5.0 3.8	69.2 69.8 70.0 71.2	5102
07S/08W-12N01 S 30			280.0	10/19/72 12/19/72 4/12/73 6/14/73 9/26/73	6.0 5.3 4.9 5.0 5.4	274.0 274.7 275.1 275.0 274.6	5102	08S/08W-12L01 S 30			62.0	10/25/72 12/19/72 4/12/73 6/14/73 9/20/73	16.3 14.5 8.4 10.1 10.9	45.7 47.5 53.6 51.4 51.1	5102
07S/08W-25R02 S 30			239.5	10/25/72 9/20/73	60.4 41.1	179.1 198.4	5102	08S/08W-12P03 S 30			54.4	10/25/72 12/19/72 9/20/73	19.6 19.3 19.8	34.8 35.1 34.6	5102
07S/08W-25R03 S 30			240.0	10/25/72 12/19/72 9/20/73	62.2 59.0 43.0	177.8 181.0 197.0	5102	08S/08W-14H04 S 30			40.0	10/25/72 4/12/73	16.0 15.0	24.0 25.0	5102
07S/08W-25N01 S 30			203.5	10/19/72 12/19/72 4/12/73 6/14/73 9/20/73	56.0 52.7 39.8 40.7 40.1	147.5 150.8 163.7 162.8 163.4	5102	08S/08W-14Q01 S 30			18.0	4/12/73 9/20/73	4.2 8.1	13.8 9.9	5102
07S/08W-25N02 S 30			204.0	10/19/72 12/19/72 4/12/73 6/14/73 9/20/73	57.4 49.2 29.5 30.3 38.1	146.6 154.8 174.5 173.7 165.9	5102	08S/08W-14Q02 S 30			20.0	10/25/72 4/12/73 6/14/73 9/20/73	6.9 4.8 3.7 6.1	13.1 15.2 16.3 13.9	5102
07S/08W-25P02 S 30			213.0	4/13/73 9/20/73	42.8 29.0(8)	170.2 184.0	5102	08S/08W-23A04 S 30			24.5	10/25/72 12/19/72 4/12/73 6/14/73	21.4 19.7 16.7 16.9	3.1 4.8 7.8 7.6	5102
07S/08W-36C03 S 30			200.4	10/25/72 9/20/73	57.9 41.2	142.5 159.2	5102	08S/08W-23A05 S 30			19.3	10/25/72 12/19/72 4/12/73 6/14/73 9/26/73	14.4 13.8 12.5 13.3 16.3	4.9 5.5 6.8 6.0 3.0	5102
07S/08W-36L01 S 30			171.3	10/25/72 12/19/72 4/12/73 6/14/73	39.0 38.5 23.9 25.0	132.3 132.8 147.4 146.3	5102								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA MARGARITA HYDRO UNIT MURRIETA HYDRO SUBUNIT WILDOMAR HYDRO SUBAREA							Z-02 Z-02.C Z-02.C1	SAN LUIS REY HYDRO UNIT RONCAll HYDRO SUBUNIT MISSION HYDRO SUBAREA							Z-03 Z-03.A Z-03.A1
06S/04W-26M01 S 33			1350.0	10/18/72 11/17/72 12/14/72 1/08/73 5/22/73 7/13/73 9/11/73	69.6 61.5 57.9 55.0 65.5(2) 72.6(2) 76.8(2)	1280.4 1288.5 1292.1 1295.0 1284.5 1277.4 1273.2	5103	11S/04W-09F01 S 37			64.6	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	16.4 16.2 15.1 11.0 12.7 12.1 12.4 9.0 9.5 10.9 11.0	48.2 48.4 49.5 53.4 51.9 52.5 52.2 55.6 55.1 53.7 53.6	5202
06S/04W-27N02 S 33			1290.9	4/09/73	76.6	1214.3	5103								
06S/04W-33A04 S 33			1310.0	10/19/72	55.0	1255.0	5103	11S/04W-18C04 S 37			35.0	10/24/72 11/28/72 12/27/72 1/24/73 2/22/73 3/29/73 4/25/73 5/31/73 6/27/73 7/26/73 8/23/73 9/24/73	7.2 7.0 7.1 6.6 6.2 5.9 5.9 6.2 6.9 6.2 6.2 6.2	27.8 28.0 27.9 28.4 28.4 29.1 29.1 28.4 28.1 28.4 28.4 28.4	5205
06S/04W-35F02 S			1279.6	12/14/72 2/16/73	NW-1 NW-1		5103								
07S/04W-03R01 S 33			1284.0	10/18/72 11/17/72 12/14/72 1/08/73 2/16/73 3/09/73 4/09/73 5/22/73 6/14/73 7/13/73 8/10/73 9/11/73	64.0 64.1 64.3 64.4 64.5 64.5 64.6 64.5 64.5 64.4 64.4 64.2	1220.0 1219.9 1219.7 1219.6 1219.5 1219.5 1219.4 1219.5 1219.5 1219.6 1219.6 1219.8	5103	11S/04W-18C05 S 37			36.0	10/24/72 11/28/72 12/27/72 1/24/73 2/22/73 3/29/73 4/25/73 5/31/73 6/27/73 7/26/73 8/23/73 9/24/73	6.2 6.5 6.0 5.5 5.4 4.9 4.9 5.1 5.1 5.3 5.3 5.3	29.8 29.5 30.0 30.5 30.6 31.1 31.1 30.4 30.9 30.7 30.7 30.7	5204
MURRIETA HYDRO SUBAREA							Z-02.C2	11S/04W-18C09 S 37			32.0	10/24/72 11/28/72 12/27/72 1/24/73 2/22/73 3/29/73 4/25/73 5/31/73 6/27/73 7/26/73 8/23/73 9/24/73	7.2 7.6 6.0 5.5 5.4 4.9 5.0 5.2 5.7 5.3 5.3 4.8	28.4 28.4 28.0 28.4 28.6 27.1 27.0 26.8 26.3 26.7 26.7 27.2	5205
08S/03W-12M06 S 33			1019.7	10/18/72 11/17/72 12/12/72 1/08/73 2/15/73 3/09/73 4/09/73 5/16/73 6/14/73 7/13/73 8/10/73 9/11/73	25.9 25.7(4) 25.9(4) 25.8 25.6 25.5 25.3 25.3 25.5 25.6 25.6 25.6	993.8 994.0 993.8 993.9 994.1 994.2 994.4 994.4 994.2 994.1 994.1 994.1	5103	11S/04W-18F01 S 37			30.0	11/28/72 12/27/72 1/24/73 2/22/73 3/29/73 4/25/73 5/31/73 6/27/73 7/26/73 8/23/73 9/24/73	6.8 4.7 4.0 3.7 3.6 3.6 3.2 3.6 3.6 3.6 4.6 4.6	23.2 25.1 26.0 26.3 26.4 26.4 26.4 26.4 26.4 26.4 26.4 25.4	5204
08S/03W-12P08 S 33			1002.5	10/18/72 11/17/72 12/12/72 1/08/73 2/15/73 3/09/73 4/09/73 5/16/73 6/14/73 7/13/73 8/10/73 9/11/73	20.8 20.3 17.6 20.6 20.1 20.1 20.2 20.3 20.3 20.3 20.4 20.4	981.7 982.2 984.9 981.9 982.4 982.4 982.3 982.2 982.2 982.2 982.1 982.1	5103	11S/04W-18G02 S 37			38.8	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	10.4 10.3 10.4 10.2 9.7 9.5 9.4 9.4 9.5 9.8 9.8	28.4 28.4 28.4 28.4 29.1 29.3 29.4 29.4 29.3 29.0 29.0	5202
08S/03W-13K02 S 33			992.0	10/18/72 11/17/72 12/12/72 1/08/73 2/15/73 3/09/73 4/09/73 5/16/73 6/14/73 7/13/73 8/10/73 9/11/73	16.2 15.9 15.9 15.9 15.5 15.2 15.1 15.2 15.3 15.3 15.4 15.4(4)	975.8 976.1 976.1 976.1 976.5 976.8 976.9 976.8 976.7 976.7 976.6 976.6	5103	11S/04W-18L03 S 37			38.0	11/14/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	9.8 9.7 9.5 9.1 9.8 10.2 9.3 9.7 9.5 9.5	28.2 28.3 28.5 28.9 28.2 27.8 28.7 28.3 28.4 28.4	5202
								11S/04W-18L10 S 37			31.0	10/24/72 11/28/72 1/24/73 2/22/73 3/29/73 4/25/73 5/31/73 6/27/73 7/26/73 8/23/73 9/24/73	9.2 9.9 8.6 7.8 7.9 8.0 8.3 8.2 8.6 8.5 8.6	21.4 21.1 22.4 23.2 23.1 23.0 22.7 22.8 22.4 22.5 22.4	5205
								11S/05W-13N02 S 37			17.7	11/14/72 12/06/72 1/02/73 2/05/73	3.9 3.8 3.8 3.4	13.8 13.9 13.9 14.3	5202

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
SAN LUIS REY HYDRO UNIT BONSALL HYDRO SUBUNIT MISSION HYDRO SUBAREA								CARLSBAD HYDRO UNIT ESCONDIDO HYDRO SUBUNIT ESCONDIDO HYDRO SUBAREA							
Z-03 Z-03.A Z-03.A1								Z-04 Z-04.F Z-04.F2							
11S/05W-13N02 S 37 (CONTINUED)			17.7	3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	3.3 3.1 2.8 4.1 4.2 4.3 4.2	14.4 14.6 14.9 13.6 13.5 13.4 13.5	5202	12S/02W-22A02 S 37			720.0	12/05/72	42.9	677.1	5050
11S/05W-13P02 S 37			21.5	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	5.8 5.8 5.7 5.3 5.0 5.0 5.7 5.9 6.0 6.1 5.7	15.7 15.7 15.8 16.2 16.5 16.5 15.8 15.6 15.5 15.4 15.8	5202	12S/02W-22J01 S 37			697.0	12/05/72	14.5	682.5	5050
11S/05W-24R01 S 37			23.6	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	4.4 4.8 4.3 4.0 3.4 3.6 4.2 4.3 4.4 4.4 4.4	19.2 18.8 19.3 19.6 20.2 20.0 19.4 19.3 19.2 19.2 19.2	5202	12S/02W-27H02 S 37			690.0	12/05/72	34.5	655.5	5050
BONSALL HYDRO SUBAREA								7-03.A2							
10S/03W-11G01 S 37			237.1	12/08/72	10.7	226.4	5050								
10S/03W-11N01 S 37			222.0	12/08/72	12.0	210.0	5050								
10S/03W-15A01 S 37			224.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	10.2 10.1 10.2 8.4 3.4 6.4 4.9	213.8 217.9 213.8 215.6 220.6 217.6 219.1	5881								
10S/03W-15F01 S 37			206.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	13.5 13.1 12.8 10.7 7.4 9.9 8.5	192.5 192.9 193.2 195.3 198.6 196.1 197.5	5881								
10S/03W-16F01 S 37			190.0	12/08/72	3.7	186.3	5050								
10S/03W-16J01 S 37			200.0	12/08/72	7.5	192.5	5050								
10S/03W-16L01 S 37			190.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	8.4 9.0 8.5 5.6 8.1 5.9 5.8	181.6 181.0 181.5 184.4 181.9 184.1 184.2	5881								
10S/03W-20R01 S 37			176.2	12/08/72	4.0	172.2	5050								
10S/03W-30J01 S			150.1	12/08/72	9.3	140.8	5050								
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA								Z-03.C Z-03.C1							
10S/02F-26A01 S				7/00/73	NM-9		5416								
10S/03E-29J02 S				7/00/73	NM-9		5416								
10S/03E-30C01 S 37			2750.0	12/18/72 2/12/73 5/01/73 6/27/73 7/00/73	40.0 35.0 33.0 36.0 38.0	2710.0 2715.0 2717.0 2714.0 2712.0	5416								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SAN DIEGUITO HYDRO SUBUNIT SAN DIEGUITO HYDRO SUBAREA								SAN DIEGUITO HYDRO UNIT HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA							
Z-05 Z-05.A Z-05.A1								Z-05 Z-05.H Z-05.A1							
13S/03W-33C01 S 37			43.1	12/07/72	31.6	11.5	5050	13S/02W-02D03 S 37			380.0	6/00/73	45.7	334.3	5710
13S/03W-33C03 S 37			40.8	12/07/72	39.5	1.3	5050	(CONTINUED)				8/00/73	54.5	325.5	
13S/03W-33M01 S 37			35.0	12/07/72	59.1	-24.1	5050	13S/02W-02F01 S 37			375.0	12/00/72	17.9	357.1	5710
14S/03W-05F01 S 37			23.4	12/07/72	21.4	2.0	5050					1/00/73	16.3	358.7	
14S/03W-06P02 S			15.0	12/07/72	NM-7		5050					2/00/73	13.9	361.1	
14S/03W-06M01 S 37			14.5	12/07/72	13.8	0.7	5050					5/00/73	13.9	361.1	
14S/03W-07C07 S 37			14.6	12/07/72	16.1	-1.5	5050					6/00/73	14.6	360.4	
14S/03W-07M01 S 37			19.3	12/04/72	18.0	1.3	5050					8/00/73	26.3	348.7	
14S/04W-01P01 S 37			43.0	12/07/72	37.7	5.3	5050	13S/02W-02F02 S 37			365.0	1/00/73	2.0	363.0	5710
14S/04W-01P02 S 37			18.0	12/07/72	17.7	0.3	5050					2/00/73	2.7	362.3	
14S/04W-01P04 S 37			11.0	12/07/72	9.3	1.7	5050					5/00/73	16.2	348.8	
14S/04W-11J02 S 37			5.0	12/07/72	1.7	3.3	5050					6/00/73	4.3	360.7	
HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA												8/00/73	7.2	357.8	
Z-05.B Z-05.B1								13S/02W-02J01 S 37			430.0	12/05/72	18.8	411.2	5050
12S/02W-32N01 S			170.0	10/01/72	27.0	343.0	5724	13S/02W-02M01 S 37			358.4	12/05/72	13.7	344.7	5050
				11/01/72	27.5	342.5		13S/02W-05N01 S			355.0	10/01/72	30.0	325.0	5724
				12/01/72	21.0	349.0						11/01/72	27.5	327.5	
				1/01/73	20.0	350.0						12/01/72	23.0	332.0	
				2/01/73	15.5	354.5						1/01/73	20.0	335.0	
				3/01/73	19.0	351.0						2/01/73	15.5	339.5	
				4/01/73	14.0	356.0						3/01/73	11.5	343.5	
				5/01/73	14.0	356.0						4/01/73	9.3	345.7	
				6/01/73	15.0	355.0						5/01/73	11.0	344.0	
				7/01/73	18.0	352.0						6/01/73	14.0	341.0	
				8/01/73	18.0	352.0						7/01/73	14.5	340.5	
				9/01/73	18.5	351.5						8/01/73	15.5	339.5	
12S/02W-35K01 S			420.0	12/00/72	27.2	392.8	5710					9/01/73	15.5	339.5	
				1/00/73	16.3	403.7		13S/02W-05N02 S 37			340.0	10/01/72	74.0	266.0	5724
				2/00/73	18.5	401.5						11/01/72	70.0	270.0	
				5/00/73	23.0	397.0						12/01/72	75.0	265.0	
				6/00/73	31.2	388.8						1/01/73	76.0	264.0	
				8/00/73	31.8	388.2						2/01/73	76.0	264.0	
12S/02W-35P01 S			395.0	12/00/72	5.1	389.9	5710					3/01/73	79.0	261.0	
				1/00/73	5.1	389.9						4/01/73	70.0	270.0	
				2/00/73	4.8	390.2						5/01/73	73.0	267.0	
				5/00/73	5.0	390.0						6/01/73	58.0	282.0	
				6/00/73	5.5	389.5		13S/02W-11R01 S			315.6	10/00/72	12.3	303.3	5724
				8/00/73	13.1	381.9						11/00/72	12.1	303.5	
12S/02W-35N04 S 37			395.0	12/00/72	3.7	391.3	5710					12/00/72	11.7	303.9	
				1/00/73	6.4	388.6						1/00/73	11.0	304.6	
				2/00/73	4.7	390.3						2/00/73	10.5	305.1	
				5/00/73	3.5	391.5						3/00/73	9.8	305.8	
				6/00/73	22.2	372.8						4/00/73	8.7	306.9	
				8/00/73	14.3	380.7						5/00/73	9.0	306.6	
13S/01W-07F01 S			330.8	10/00/72	15.5	315.3	5229					6/00/73	9.6	306.1	
				11/00/72	15.5	315.3						7/00/73	10.2	305.4	
				12/00/72	17.5	313.3						8/00/73	10.4	305.2	
				1/00/73	16.3	314.5		13S/02W-12G01 S			324.0	10/00/72	14.1	311.9	5724
				2/00/73	17.4	313.4						11/00/72	14.0	312.0	
				4/00/73	15.3	315.5						12/00/72	14.0	312.0	
				5/00/73	12.8	318.0						1/00/73	14.4	311.6	
				6/00/73	14.1	316.7						2/00/73	13.6	312.4	
				7/00/73	13.1	317.7						3/00/73	9.9	316.1	
				8/00/73	13.6	317.2						4/00/73	10.6	315.4	
13S/01W-07F02 S 37			330.8	12/05/72	13.7	317.1	5050					5/00/73	11.5	314.5	
13S/02W-02R02 S			390.0	12/05/72	NM-1		5050					6/00/73	11.6	314.4	
13S/02W-02C02 S 37			371.8	12/05/72	2.0	369.8	5050					7/00/73	11.9	314.1	
			374.0	1/00/73	8.6	365.4	5710					8/00/73	13.5	312.5	
				2/00/73	7.6	366.4		13S/02W-12N01 S			315.4	10/00/72	12.1	303.5	5724
				5/00/73	7.5	366.5						11/00/72	11.5	304.1	
				6/00/73	8.4	365.6						12/00/72	10.7	304.9	
				8/00/73	9.6	364.4						1/00/73	10.2	305.4	
13S/02W-02C04 S 37			390.0	12/00/72	4.2	385.8	5710					2/00/73	9.7	305.9	
				1/00/73	3.8	386.2						3/00/73	7.4	308.2	
				2/00/73	3.2	386.8						4/00/73	6.8	308.8	
				5/00/73	18.5	371.5						5/00/73	8.1	307.5	
				6/00/73	3.8	386.2						6/00/73	9.0	306.6	
				8/00/73	21.2	368.8						7/00/73	9.4	306.2	
13S/02W-02D01 S 37			390.0	12/00/72	14.3	375.7	5710					8/00/73	1.2	314.4	
				2/00/73	11.8	378.2		13S/02W-12N02 S			318.0	10/00/72	15.7	302.3	5724
				5/00/73	12.3	377.7						11/00/72	14.5	303.5	
				6/00/73	24.0	366.0						12/00/72	13.7	304.1	
				8/00/73	28.6	361.4						1/00/73	13.1	304.9	
13S/02W-02D03 S 37			380.0	12/00/72	5.8	374.2	5710					2/00/73	12.9	305.1	
				1/00/73	5.7	374.3						3/00/73	9.5	308.4	
				2/00/73	5.4	374.6						4/00/73	11.7	306.3	
				5/00/73	5.9	374.1						5/00/73	10.8	307.2	
												6/00/73	12.8	305.3	
												7/00/73	13.4	304.4	
												8/00/73	14.6	303.4	
								13S/02W-13C01 S			331.4	10/00/72	18.9	312.7	5229
												11/00/72	19.1	312.5	
												12/00/72	19.6	312.0	
												1/00/73	19.5	312.1	
												2/00/73	18.7	312.9	
												3/00/73	9.1	322.5	
												4/00/73	7.7	323.9	
												5/00/73	6.1	325.5	
												6/00/73	6.7	324.4	
												7/00/73	7.1	324.5	
												8/00/73	6.6	325.0	

See page 79 for key to terms & abbreviations

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT MODOFS HYDRO SUBUNIT FELICITA HYDRO SUBAREA							Z-05 Z-05.B Z-05.A3	SAN DIEGUITO HYDRO UNIT SAN PASQUAL HYDRO SUBUNIT SAN PASQUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2
12S/02W-27F01 S 37			670.0	12/05/72	39.0	631.0	5050	12S/01W-30A05 S			398.1	10/00/72	30.9	367.2	5229
12S/02W-27K01 S 37			622.0	12/05/72	11.6	610.4	5050					11/00/72	28.8	369.3	
12S/02W-27P02 S 37			650.0	12/05/72	15.5	634.5	5050					12/00/72	28.5	369.6	
12S/02W-28P01 S 37			700.0	12/05/72	47.4 (7)	652.6	5050					1/00/73	28.9 (1)	369.2	
12S/02W-33A01 S 37			635.0	12/05/72	22.0	613.0	5050					2/00/73	27.1	371.0	
12S/02W-33P01 S 37			596.0	12/05/72	7.0	589.0	5050					3/00/73	24.4	373.7	
12S/02W-34R01 S 37			609.0	12/05/72	9.2	599.8	5050					4/00/73	26.0	372.1	
12S/02W-34M02 S 37			610.0	12/05/72	21.5	588.5	5050	12S/01W-30J01 S			366.3	5/00/73	24.0	374.1	
BEAR HYDRO SUBAREA							Z-05.B4					6/00/73	27.7	370.4	
12S/02W-23K02 S			710.0	12/05/72	22.3	687.7	5050					7/00/73	28.6	369.5	
12S/02W-24N01 S			728.0	12/05/72	NM-6		5050					8/00/73	30.8	367.4	
12S/02W-24F02 S 37			694.0	12/05/72	8.8	685.2	5050	12S/01W-30001 S 37			383.9	12/05/72	17.1	366.8	5050
12S/02W-24M02 S			675.0	12/05/72	NM-9		5050	12S/01W-30P01 S			358.8	12/00/72	14.0	340.8	5229
12S/02W-24N01 S 37			660.0	12/05/72	8.8	651.2	5050					1/00/73	12.4	346.4	
12S/02W-24N02 S 37			639.0	10/31/72	50.5	588.5	5711					2/00/73	11.9	347.4	
				11/30/72	40.0	599.0						3/00/73	2.6	356.2	
				12/31/72	35.0	604.0						4/00/73	1.6	357.2	
				1/31/73	26.0	603.0		12S/01W-31J01 S			353.0	5/00/73	10.7	348.1	5229
				5/31/73	18.0	621.0						6/00/73	7.1	351.7	
				6/30/73	24.5	614.5						7/00/73	2.1	356.7	
				7/31/73	33.0	606.0						8/00/73	10.9	347.9	
				8/31/73	36.5	602.5						10/00/72	41.7	271.4	5229
				9/30/73	40.0	599.0						11/00/72	69.3	283.7	
12S/02W-24R01 S			720.0	12/05/72	FLOW		5050					12/00/72	57.5	295.5	
12S/02W-24R03 S			765.0	12/05/72	NM-2		5050					1/00/73	50.7	302.4	
12S/02W-25F01 S			660.0	12/05/72	0.3	659.7	5050					2/00/73	49.6	303.4	
12S/02W-26C01 S 37			698.0	12/05/72	19.5	678.5	5050					4/00/73	43.0	310.0	
12S/02W-26H01 S 37			622.0	12/05/72	14.4	607.6	5050					5/00/73	43.5	309.5	
12S/02W-26L01 S 37			610.0	12/05/72	5.6	604.4	5050	12S/01W-31L03 S			353.0	6/00/73	43.6	309.4	5229
SAN PASQUAL HYDRO SUBUNIT HIGHLAND HYDRO SUBAREA							Z-05.C Z-05.C1					7/00/73	49.7	303.3	
13S/01W-05M01 S 37			758.0	12/05/72	20.0	738.0	5050					8/00/73	53.4	299.4	
SAN PASQUAL HYDRO SUBAREA							Z-05.C2	12S/01W-32R01 S			372.0	10/00/72	20.6	352.3	5229
12S/01W-20N01 S 37			418.4	12/05/72	14.2	404.2	5050					11/00/72	21.1	351.4	
12S/01W-20L01 S 37			403.6	12/05/72	17.6	386.0	5050					12/00/72	21.2	351.7	
12S/01W-20L02 S			406.9	12/05/72	NM-4		5050					1/00/73	21.0	351.4	
12S/01W-26C01 S			451.8	12/06/72	NM-9		5050	12S/01W-32M03 S			357.0	2/00/73	20.9	352.0	5229
12S/01W-29N01 S			378.8	10/00/72	8.9	369.7	5229					3/00/73	22.0	350.4	
				11/00/72	8.0	370.6						4/00/73	21.9	351.0	
				12/00/72	13.8	364.8						5/00/73	22.2	350.7	
				1/00/73	8.9	369.7						6/00/73	22.3	350.6	
				2/00/73	8.7	369.9						7/00/73	22.2	350.7	
				3/00/73	5.8	372.8						8/00/73	23.1	349.8	
				4/00/73	5.2	373.4		12S/01W-32001 S			366.4	10/00/72	50.0	316.4	5229
				5/00/73	5.8	372.8						11/00/72	43.5	322.9	
				6/00/73	5.9	372.7						12/00/72	42.7	323.7	
				7/00/73	6.0	372.6						1/00/73	41.6	324.9	
				8/00/73	7.1	371.5						3/00/73	39.2	327.2	
12S/01W-29N01 S			347.0	10/00/72	49.5 (1)	297.5	5229					4/00/73	32.1	334.3	
				11/00/72	36.3	310.7						5/00/73	33.4	331.0	
				12/00/72	35.7	311.3						6/00/73	39.3	327.1	
				1/00/73	31.5	315.5						7/00/73	44.3	322.1	
				2/00/73	31.9	315.1		12S/01W-32002 S			367.0	10/00/72	41.5	325.5	5229
				4/00/73	32.3	314.7						11/00/72	41.6	325.4	
				5/00/73	32.5	314.5						12/00/72	39.7	326.3	
				6/00/73	34.4	312.6						1/00/73	39.5	326.5	
				7/00/73	38.6	308.4						2/00/73	40.4	326.4	
				8/00/73	40.5	306.5						3/00/73	30.9	336.1	
12S/01W-30A01 S			375.7	10/00/72	8.4	367.3	5229					4/00/73	29.0	338.0	
				11/00/72	4.6	371.1						5/00/73	32.4	334.6	
				12/00/72	5.9	369.8									
				1/00/73	5.1	370.6									
				2/00/73	5.4	371.3									
				3/00/73	4.6	371.1									
				4/00/73	4.6	371.1									
				5/00/73	12.6	363.1									
				6/00/73	10.6	365.1									
				7/00/73	17.9	357.8									
				8/00/73	18.0	357.7									

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SAN PASQUAL HYDRO SUBUNIT SAN PASQUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2	SAN DIEGUITO HYDRO UNIT SAN PASQUAL HYDRO SUBUNIT SAN PASQUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2
12S/01W-32002 S (CONTINUED)			367.0	6/00/73 7/00/73 8/00/73	34.2 34.7 39.2	332.8 332.3 327.8	5229	12S/01W-35C05 S (CONTINUED)			429.0	3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	27.6 21.3 20.3 20.9 20.6 21.0	401.4 407.7 408.7 408.1 408.4 408.0	5229
12S/01W-32003 S			367.0	11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73	44.0 43.0 41.8 40.5 39.0 31.0 39.4 46.0 42.7	323.0 324.0 325.2 326.5 328.0 336.0 327.6 321.0 324.3	5229	12S/01W-35C06 S			430.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.3 39.7(1) 37.2 38.0 33.6 28.3 26.3 22.9 31.0 27.9 26.6	400.7 390.3 392.4 392.0 396.4 401.7 403.7 407.1 399.0 402.1 403.4	5229
12S/01W-33N01 S			378.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73	44.3 45.1 44.3 42.3 40.8 38.3 32.8 33.0 17.4 40.2	333.7 332.9 333.7 335.7 337.2 339.7 345.2 345.0 340.6 337.8	5229	12S/01W-35N02 S			419.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	26.3 26.6 25.9 25.7 25.3 20.2 13.6 13.5 13.5 14.3 15.9	393.0 392.7 393.4 393.6 394.0 399.1 405.7 405.4 405.4 405.0 403.4	5229
12S/01W-34J01 S			414.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	28.7 28.6 28.1 27.9 27.5 25.5 21.6 19.4 20.9 21.0 22.4	385.3 385.4 385.9 386.1 386.5 388.5 392.4 394.6 393.1 393.0 391.6	5229	12S/01W-35F01 S			429.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	35.3 34.8 33.9 33.7 33.4 33.5 23.2 21.4 21.3 21.5 21.7	394.3 394.4 395.7 395.4 396.2 396.1 406.4 408.2 404.3 404.1 401.9	5229
12S/01W-34K02 S			408.8	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	32.3 32.5(1) 31.3 30.7(1) 38.3(1) 29.7(1) 32.5 24.0 23.5 24.5 29.7	376.5 376.3 377.5 378.1 370.5 379.1 376.3 384.8 385.3 384.3 379.1	5229	12S/01W-35F02 S			429.5	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	34.8 34.7 34.3 34.0 33.7 33.7 24.2 22.4 22.1 22.3 22.8	394.7 394.4 395.2 395.5 395.4 395.8 405.3 407.1 407.4 407.7 406.7	5229
12S/01W-34P07 S			400.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.4 30.1 30.4 31.3 30.1 29.8 28.8 27.4 26.7 26.6 27.4	370.9 370.2 369.9 369.0 370.2 370.5 371.5 372.9 373.6 373.7 372.9	5229	12S/01W-35G02 S			434.7	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	36.3 36.3 36.2 36.1 35.7 34.3 27.3 24.2 24.4 24.7 22.8	398.4 398.4 398.5 398.6 399.0 400.4 407.4 407.1 407.4 407.7 406.7	5229
12S/01W-35A01 S			443.4	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	46.6 42.9 44.2 43.9 43.5 34.9 23.9 15.0 33.9 33.8 29.6	396.8 397.5 399.2 399.5 399.9 408.5 419.5 428.4 409.5 409.6 413.8	5229	12S/01W-35H02 S			444.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	46.8 47.4 45.4 45.0 44.8 42.8 27.5 25.7 27.1 28.1 31.6	397.5 396.4 398.4 399.3 399.5 401.5 416.8 418.6 417.2 416.2 412.7	5229
12S/01W-35R03 S			437.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	41.3 40.0 39.5 39.1 38.9 34.9 23.0 21.7 23.9 25.3 25.3	395.7 397.0 397.5 397.9 398.1 402.1 414.0 415.3 413.1 411.7 411.7	5229	12S/01W-35L04 S			430.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	37.5(1) 37.9(1) 38.0(1) 37.8(1) 38.0(1) 37.8 33.3 31.7 29.1 26.1 27.1	392.5 392.1 392.0 392.2 392.0 392.2 396.7 398.3 400.9 403.9 402.9	5229
12S/01W-35C01 S			426.5	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.6 30.5 30.0 29.9 29.7 24.8 18.3 17.3 17.9 19.1 19.9	396.9 396.0 396.5 396.6 396.8 401.7 408.2 409.2 408.6 407.4 406.6	5229	12S/01W-36N01 S			448.1	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	48.5 49.2 46.6 46.9 46.4 32.9 22.9 22.5 25.5 26.3 30.4	399.6 398.9 401.5 401.2 401.7 415.2 425.2 425.6 422.6 421.4 417.7	5229
12S/01W-35C05 S			429.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73	29.1 29.9 30.0 30.7 29.8	399.9 399.1 399.0 398.3 399.2	5229								

See page 79 for key to terms & abbreviations



**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SAN PASQUAL HYDRO SUBUNIT SAN PASQUAL HYDRO SUBAREA								SAN DIEGUITO HYDRO UNIT SANTA MARIA VALLEY HYDRO SUBUNIT RAMONA HYDRO SUBAREA							
						Z-05 Z-05.C Z-05.C2								Z-05 Z-05.0 Z-05.01	
12S/01W-36003 S			444.5	11/00/72	48.2	396.3	5229	13S/01E-11M02 S 37			1455.5	2/29/73	14.3	1441.2	4402
				12/00/72	44.3	400.2		(CONTINUED)				3/30/73	10.7	1444.8	
				1/00/73	44.2	400.3						4/30/73	8.3	1447.2	
				2/00/73	43.6	400.9						5/31/73	8.9	1446.6	
				3/00/73	33.9	410.6						6/28/73	11.2	1444.3	
				4/00/73	23.3	421.2						8/02/73	11.0	1444.5	
				5/00/73	23.9	420.6						9/30/73	10.9	1444.6	
				6/00/73	24.3	420.2		13S/01E-11M01 S 37			1465.0	10/31/72	15.8	1449.2	4402
				7/00/73	35.4	409.1						12/01/72	15.3	1449.7	
				8/00/73	29.9	414.6						1/03/73	14.9	1450.1	
12S/01W-36F01 S			458.5	10/00/72	51.6	406.9	5229					2/28/73	13.9	1451.1	
				11/00/72	52.5	406.0						3/30/73	8.9	1450.1	
				12/00/72	53.1	405.4						4/30/73	7.5	1451.5	
				1/00/73	53.5	405.0						5/31/73	8.1	1450.9	
				2/00/73	48.5	410.0						6/28/73	8.8	1450.2	
				3/00/73	19.2	439.3						8/02/73	9.7	1455.3	
				4/00/73	20.8	437.7						9/30/73	10.1	1454.9	
				5/00/73	23.3	435.2		13S/01E-11M02 S 37			1480.0	12/06/72	11.6	1468.4	5050
				6/00/73	20.8	437.7									
				7/00/73	23.3	435.2		13S/01E-15M01 S 37			1425.0	10/31/72	14.9	1410.1	4402
				8/00/73	26.9	431.6						12/01/72	12.2	1412.8	
13S/01W-03E01 S			399.2	11/00/72	38.2	361.0	5229					1/03/73	14.9	1410.1	
				12/00/72	46.9	362.3						2/28/73	11.6	1413.4	
				1/00/73	33.5	365.7						3/30/73	7.8	1417.2	
				2/00/73	32.3	366.9						4/30/73	9.5	1415.5	
				3/00/73	24.2	375.0						5/31/73	9.9	1415.1	
				4/00/73	18.2	381.0						6/28/73	12.7	1412.3	
				5/00/73	18.0	381.2						8/02/73	14.2	1410.8	
				6/00/73	14.7	384.5						9/30/73	11.5	1413.5	
				7/00/73	36.4	362.8		13S/01E-15M02 S 37			1435.0	10/31/72	14.7	1420.3	4402
				8/00/73	33.8	365.4						12/01/72	13.1	1421.9	
13S/01W-05A02 S			372.6	10/00/72	38.0	334.6	5229					1/03/73	12.3	1422.7	
				11/00/72	48.2	324.4						2/28/73	10.4	1424.6	
				12/00/72	46.4	326.2						3/30/73	6.0	1429.0	
				1/00/73	45.1	327.5						4/30/73	6.6	1428.4	
				2/00/73	43.9	328.7						5/31/73	7.5	1427.5	
				3/00/73	43.0	329.6						6/28/73	8.1	1426.9	
				4/00/73	43.4	329.2						8/02/73	9.0	1426.0	
				5/00/73	44.2	328.4						9/30/73	9.8	1425.2	
				6/00/73	54.3	318.3		13S/01E-15E03 S 37			1440.0	12/06/72	11.8	1428.2	5050
				7/00/73	53.4	319.2									
				8/00/73	54.5	318.1		13S/01E-15M01 S 37			1410.0	10/31/72	7.2	1402.8	4402
13S/01W-06M01 S			334.3	10/00/72	25.6	308.7	5229					12/01/72	7.0	1403.0	
				11/00/72	25.7	308.6						1/03/73	7.0	1403.0	
				12/00/72	24.5	309.8						2/28/73	6.8	1403.2	
				1/00/73	24.1	310.2						3/30/73	6.7	1403.3	
				2/00/73	22.9	311.4						4/30/73	7.0	1403.0	
				3/00/73	20.2	314.1						5/31/73	6.9	1403.1	
				4/00/73	19.3	315.0						6/28/73	7.2	1402.8	
				5/00/73	18.8	315.5						8/02/73	7.2	1402.8	
				6/00/73	21.2	313.1						9/30/73	7.3	1402.7	
				7/00/73	23.1	311.2		13S/01E-16P01 S 37			1405.0	12/06/72	8.1	1396.9	5050
				8/00/73	29.3	305.0									
								13S/01E-16P03 S			1399.0	12/06/72	NM-1		5050
SANTA MARIA VALLEY HYDRO SUBUNIT RAMONA HYDRO SUBAREA								SANTA MARIA VALLEY HYDRO SUBUNIT RAMONA HYDRO SUBAREA							
						Z-05.0 Z-05.01									
12S/01E-34R01 S			1570.0	12/06/72	28.6	1541.4	5050	13S/01E-17M02 S 37			1390.0	12/06/72	17.2	1372.8	5050
13S/01E-02R02 S 37			1518.0	12/06/72	12.4	1505.6	5050	13S/01E-22M01 S			1423.0	12/06/72	30.5	1392.5	5050
13S/01E-03M01 S 37			1515.0	12/06/72	36.8	1478.2	5050	13S/01E-23M01 S 37			1520.0	12/06/72	47.7	1472.3	5050
13S/01E-10J01 S			1465.0	10/31/72	16.6	1448.4	4402	13S/01E-27R01 S 37			1455.0	12/06/72	19.8	1435.2	5050
				12/01/72	15.7	1449.3		13S/01E-28C01 S			1420.0	12/06/72	20.9	1399.1	5050
				1/03/73	14.7	1450.3		13S/01E-29P01 S 37			1435.0	12/06/72	25.1	1409.9	5050
				2/28/73	13.8	1451.2		13S/01W-24M01 S 37			1360.0	12/06/72	2.1	1357.9	5050
				3/30/73	10.9	1454.1		LOWER MATFIELD HYDRO SUBAREA							
				4/30/73	8.9	1456.1									
				5/31/73	9.3	1455.7		13S/02E-17C01 S 37			1820.0	12/06/72	26.5	1793.5	5050
				6/28/73	10.2	1454.8		WASH HOLLOW HYDRO SUBAREA							
				8/02/73	10.9	1454.1									
				9/30/73	11.4	1453.6		13S/02E-15F01 S			2070.0	12/06/72	NM-9		5050
13S/01E-10R01 S			1450.0	10/31/72	15.8	1434.2	4402	UPPER MATFIELD HYDRO SUBAREA							
				12/01/72	14.7	1435.3									
				1/03/73	14.0	1436.0		13S/02E-09M01 S 37			2318.0	12/06/72	14.8	2303.2	5050
				2/29/73	12.0	1438.0		BALLENA HYDRO SUBAREA							
				3/30/73	8.6	1441.4									
				4/30/73	8.0	1442.0		13S/02E-10M01 S			2460.0	12/06/72	22.6	2437.4	5050
				5/31/73	8.3	1441.7		13S/02E-11C01 S 37			2490.0	12/06/72	15.5	2474.5	5050
				6/28/73	9.2	1440.8		EAST SANTA TERESA HYDRO SUBAREA							
				8/02/73	10.1	1439.9									
				9/30/73	10.9	1439.1		13S/02E-03E01 S			2520.0	12/06/72	34.9(6)	2485.1	5050
13S/01E-11M01 S 37			1465.0	10/31/72	15.8	1449.2	4402								
				12/01/72	13.9	1451.1									
				1/03/73	13.4	1451.6									
				2/28/73	12.7	1452.3									
				3/30/73	5.5	1459.5									
				4/30/73	7.1	1457.9									
				5/31/73	7.9	1457.1									
				6/28/73	9.3	1455.7									
				8/02/73	9.2	1455.8									
				9/30/73	9.8	1455.2									
13S/01E-11M02 S 37			1455.5	10/31/72	16.4	1439.1	4402								
				12/01/72	15.5	1440.0									
				1/03/73	14.9	1440.6									

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SANTA MARIA VALLEY HYDRO SUBUNIT WEST SANTA TERESA HYDRO SUBAREA							Z-05 Z-05.D Z-05.D7
12S/02E-32H01 S 37			2345.0	12/06/72	13.6	2331.4	5050
SANTA YSABEL HYDRO SUBUNIT BODEN HYDRO SUBAREA							Z-05.E Z-05.E1
12S/01E-34Q01 S			1595.0	12/06/72	NM-9		5050
13S/01F-03P01 S 37			1497.0	12/06/72	31.3	1465.7	5050
PAMO HYDRO SUBAREA							Z-05.E2
12S/01E-02L01 S 37			1040.0	12/06/72	19.2	1020.8	5050
12S/01E-02P01 S 37			1030.0	12/06/72	9.6	1020.4	5050
SANTA YSABEL HYDRO SUBAREA							Z-05.E4
12S/03E-16C01 S 37			2960.0	12/06/72	7.1	2952.9	5050
12S/03E-20R01 S			2870.0	12/06/72	7.2	2862.8	5050

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGO HYDRO UNIT LOWER SAN DIEGO HYDRO SUBUNIT SAPITFE HYDRO SUBAREA							Z-07 Z-07.A Z-07.A2
15S/01E-17R01 S 37			430.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		62.3 62.6 62.1 62.3 62.0 61.9 62.6 63.0 62.3 62.7 62.9	367.7 367.4 367.9 367.7 368.0 368.1 367.4 367.0 367.7 367.3 367.1
15S/01E-17R02 S 37			425.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		61.2 61.6 60.3 60.7 58.7 60.0 61.0 61.4 59.6 61.1 61.3	363.8 363.4 364.7 364.3 366.3 365.0 364.0 363.6 365.4 363.9 363.7
15S/01E-17H02 S 37			430.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		63.4 63.6 63.9 64.0 64.2 64.3 64.4 64.5 64.6 64.7 64.7	366.6 366.4 366.1 366.0 365.8 365.7 365.6 365.5 365.4 365.3 365.3
15S/01E-17H07 S 37			435.0	10/01/72 11/01/72 12/01/72 1/01/73 4/02/73 5/01/73 6/01/73 7/01/73 9/01/73		62.5 62.8 63.0 63.1 62.2 62.7 63.1 63.6 63.8	372.5 372.2 372.0 371.9 372.8 372.3 371.9 371.4 371.2
15S/01E-20R04 S			476.6	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 9/01/73		38.3 38.0 25.0 25.2 28.3 15.6 15.7 28.6 27.8 30.6	438.3 438.6 451.6 451.4 448.3 461.0 460.9 448.0 448.8 446.0
EL MONTE HYDRO SUBAREA							Z-07.A5
15S/01E-09P01 S 37			445.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		63.6 63.8 63.9 64.0 64.3 64.5 64.7 64.7 64.8 64.9 65.0	381.4 381.2 381.1 381.0 380.7 380.5 380.3 380.3 380.2 380.1 380.0
15S/01F-09Q02 S 37			460.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		64.9 65.1 65.2 65.3 65.4 65.5 65.7 65.8 65.9 66.0 66.2	395.1 394.9 394.4 394.7 394.6 394.5 394.3 394.2 394.1 394.0 393.8
15S/01E-09R01 S 37			450.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73		61.5 61.6 61.7 61.8 62.0 62.0 62.1 62.2 62.5 62.6 62.7	388.5 388.4 388.3 388.2 388.0 388.0 387.9 387.8 387.5 387.4 387.3
15S/01E-10N01 S 37			450.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73		62.4 62.5 62.4 62.8 63.0 62.7	387.6 387.5 387.6 387.2 387.0 387.3

See page 79 for key to terms & abbreviations.

SOUTHERN CALIFORNIA

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY- ING DATA
TIA JUANA HYDRO UNIT TIA JUANA HYDRO SURUNIT TIA JUANA HYDRO SURAREA								7-11 Z-11.A Z-11.A1							
18S/02W-33M03 S	37		17.0	12/04/72	14.3	2.7	5050								
19S/02W-01E01 S	37		45.5	12/04/72	36.2	9.3	5050								
19S/02W-01N02 S	37		50.2	10/03/72	48.1	2.1	5015								
				11/01/72	44.9	5.3									
				12/01/72	44.2	6.0									
				1/02/73	47.0	3.2									
				2/05/73	44.2	6.0									
				3/02/73	44.8	5.4									
				4/02/73	41.7	8.5									
				5/04/73	40.4	9.8									
				6/01/73	39.8	10.4									
				7/06/73	39.7	10.5									
				8/01/73	39.3	10.9									
				9/04/73	38.9	11.3									
19S/02W-02D01 S	37		39.5	12/04/72	38.3(4)	1.2	5050								
19S/02W-02K01 S	37		44.9	10/03/72	40.2	4.7	5015								
				11/01/72	40.0	4.9									
				12/01/72	39.4	5.5									
				1/02/73	38.8	6.1									
				2/05/73	38.6	6.3									
				3/02/73	38.8	6.1									
				4/02/73	37.1	7.8									
				5/04/73	36.9	8.0									
				6/01/73	37.1	7.8									
				7/06/73	37.0	7.9									
				8/01/73	37.1	7.8									
				9/04/73	37.2	7.7									
19S/02W-02P07 S	37		38.0	10/03/72	30.2	7.8	5015								
				11/01/72	30.6	7.4									
				12/01/72	30.6	7.4									
				1/02/73	30.5	7.5									
				2/05/73	30.3	7.7									
				3/02/73	30.2	7.8									
				4/02/73	29.9	8.1									
				5/04/73	29.3	8.7									
				6/01/73	28.9	9.1									
				7/06/73	28.7	9.3									
				8/01/73	28.8	9.2									
				9/04/73	29.1	8.9									
19S/02W-05J01 S	37		13.0	12/04/72	11.3	1.7	5050								
MONUMENT HYDRO SURUNIT PINE HYDRO SUBAREA								7-11.0 Z-11.01							
15S/04F-26J01 S	37		3851.0	10/00/72	46.5	3804.5	5723								
				11/00/72	47.0	3804.0									
				12/00/72	47.0	3804.0									
				1/00/73	47.0	3804.0									
				2/00/73	47.0	3804.0									
				3/00/73	47.0	3804.0									
				4/00/73	47.0	3804.0									
				5/00/73	47.5	3803.5									
				6/00/73	47.5	3803.5									
				7/00/73	48.0	3803.0									
				8/00/73	48.0	3803.0									
				9/00/73	48.0	3803.0									
15S/04F-36F01 S	37		4000.0	10/00/72	28.5	3971.5	5723								
				11/00/72	29.5	3970.5									
				12/00/72	29.5	3970.5									
				1/00/73	29.5	3970.5									
				2/00/73	29.5	3970.5									
				3/00/73	30.0	3970.0									
				4/00/73	30.0	3970.0									
				5/00/73	30.5	3969.5									
				6/00/73	30.5	3969.5									
				7/00/73	30.0	3970.0									
				8/00/73	30.0	3970.0									
				9/00/73	29.5	3970.5									

**TABLE C-2**  
**GROUND WATER REPLENISHMENT IN SOUTHERN CALIFORNIA**  
**DURING THE 1972-73 WATER YEAR**

Aerial designation code number	Project	Agency* conducting spreading operation	Source of recharge water	Amount spread, in acre-feet												
				Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
U-03.A1	El Rio	UWCD	Local	0	2,346	2,027	2,105	919	2,922	9,072	2,287	0	0	945	1,544	24,167
U-03.A1	Salicoy	UWCD	Local	256	261	700	586	187	3,289	6,156	4,094	1,521	2,861	3,329	4,454	27,694
U-03.D1	Piru	UWCD	Local	0	0	0	0	0	0	3,465	3,886	144	0	0	0	7,495
U-05.A2	Dominguez	LACFCD	Local	86	141	25	51	75	112	175	217	16	176	0	0	1,074
U-05.A2	Dominguez Barrier	LACFCD	Imported	874	887	900	781	534	718	698	754	707	726	547	542	8,468
U-05.A2	Walteria	LACFCD	Local	Not available												
U-05.A2	West Coast Basin Barrier	LACFCD	Imported	1,850	2,417	2,507	2,342	1,991	2,189	2,291	2,503	2,464	2,500	2,549	2,546	28,149
U-05.A5	Rio Hondo Combined System	LACFCD	Combined	765	4,022	7,891	7,085	12,262	8,559	5,326	8,109	9,218	7,593	8,905	2,532	82,267
U-05.A5	San Gabriel Spreading System	LACFCD	Combined	0	1,931	954	1,793	2,206	2,075	1,351	1,550	580	3,262	2,000	1,501	19,203
U-05.B1	Branford	LACFCD	Local	33	115	73	0	0	0	1	0	0	0	0	0	222
U-05.B1	Headworks, Los Angeles River	LADW&P	Local	572	399	492	369	239	430	589	689	524	0	314	565	5,182
U-05.B1	Big Tujunga	LADW&P	Local	0	0	0	0	2,274	0	0	0	0	0	0	0	2,274
			Imported	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.B1	Pacoima	LACFCD	Local	0	182	156	222	1,502	2,777	968	536	0	0	0	0	6,343
U-05.B3	Hansen	LACFCD	Local	0	0	0	0	4,196	4,113	963	0	0	0	1,887	596	11,755
U-05.B3	Lopez	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.C1	Eaton Spreading Grounds	LACFCD	Local	0	0	0	0	136	670	820	10	53	0	0	0	1,689
U-05.C1	Arroyo Seco	LACFCD	Local	0	19	6	55	357	620	157	0	0	0	0	0	1,214
U-05.C3	Santa Anita	LACFCD	Local	0	0	15	25	141	280	156	88	20	0	7	0	732
U-05.C3	Sierra Madre	CSMWD	Local	0	8	131	318	469	844	568	305	286	151	0	0	3,235
U-05.D1	Ben Lomond	LACFCD	Local	119	162	252	318	752	643	547	467	726	846	147	130	5,109
U-05.D1	Big Dalton	LACFCD	Local	0	0	0	0	328	453	328	95	0	0	49	0	1,253
U-05.D1	Buena Vista	LACFCD	Local	32	73	40	108	176	72	0	1	0	0	0	0	502
U-05.D1	Citrus	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.D1	Eaton Spreading Basin	LACFCD	Local	9	192	151	169	271	242	77	18	0	0	15	14	1,158
U-05.D1	Irwindale	LACFCD	Local	4	272	322	285	941	869	123	0	0	0	0	0	2,796
U-05.D1	Little Dalton	LACFCD	Local	0	0	0	0	106	232	1	133	0	0	12	0	0
U-05.D1	Peck Road	LACFCD	Local	6	356	348	497	3,600	1,490	0	86	40	15	20	42	7,100
U-05.D1	Forbes	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.D1	San Dimas Canyon	LACFCD	Local	21	0	0	117	196	73	482	263	165	0	1	0	1,318
U-05.D1	Santa Fe	LACFCD	Local	0	5,200	277	0	7,465	13,550	13,007	8,520	1,328	73	0	0	49,420
U-05.D1	Sawpit	LACFCD	Local	0	67	0	124	137	560	118	58	99	75	70	88	1,396
U-05.D1	Walnut	LACFCD	Local	12	13	24	69	18	11	35	26	166	119	78	98	609
U-05.D3	Eastside Mouth Canyon Basin	SGRSC	Local	300	957	691	691	1,091	2,110	1,635	1,661	1,391	2,255	2,213	0	14,995
U-05.D3	San Gabriel River**	CAWC	Imported	288	0	877	0	750	0	1,695	0	1,729	0	1,679	613	7,631
U-05.E3	Live Oak	LACFCD	Local	0	0	0	0	43	11	34	0	0	0	0	0	88
U-05.E3	Thompson	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.F1	Alamitos Barrier	LACFCD	Imported	456	455	449	378	289	376	391	449	426	469	533	509	5,180
U-05.F1	Carbon Creek System	OCFCD	Local	0	497	161	170	680	362	0	0	0	0	0	0	1,870
			Imported	0	70	150	0	0	0	0	0	0	0	0	0	220
U-05.F1	Cnll Memorial Pit	OCWD	Imported	0	9,844	9,690	5,385	6,787	5,695	4,939	5,084	4,962	2,419	0	4,441	59,246
U-01.A1	Irvine	OCWD	Imported	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.A1	Santa Ana River	OCWD	Imported	28	19	6	95	0	0	56	140	55	22	5	7	433
U-01.A3	Batavia-Fletcher	SAVIC	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.B1	Day Canyon	EWCD	Local	0	57	60	4	49	62	62	121	88	84	68	39	692
U-01.B1	Day Creek	SBCFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.B1	Eighth Street	SBCFCD	Local	3	11	12	26	39	30	0	0	0	0	0	0	121
U-01.B1	Linden	SBCFCD	Local	0	0	3	0	0	0	0	0	0	0	0	0	12
U-01.B1	Montclair	SBCFCD	Local	0	8	21	12	68	37	0	0	0	0	0	0	146
U-01.B1	San Seavine	SBCFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.B3	City of Pomona	CPWD	Local	0	0	0	0	533	1,448	1,404	2,640	700	0	0	0	6,725
U-01.B4	Red Hill	SBCFCD	Local	0	11	0	23	186	0	0	0	0	0	0	0	220
U-01.B4	19th St. & Cucamonga	SAWC	Local	19	135	179	259	800	1,198	1,320	746	468	142	67	36	5,369
U-01.C1	Mayhew Wash	TWC	Local	0	25	48	53	239	220	59	0	0	0	0	0	644
U-01.C4	Indian Creek	TWC	Local	0	0	45	0	44	0	0	0	0	0	0	0	138
U-01.C4	Horsethief Creek	TWC	Local	0	12	8	0	0	0	13	0	0	0	0	0	33
U-01.C4	Cow Creek	TWC	Local	0	6	0	0	33	22	1	0	0	0	0	0	71
U-01.E2	City Creek	SBCFCD	Local	72	303	279	519	1,700	2,410	877	363	157	60	41	26	6,807
U-01.E3	Devil Canyon	SBCFCD	Local	15	45	159	257	715	528	334	511	400	935	564	115	4,578
U-01.E2	Patton	SBCFCD	Local	7	19	2	17	15	21	8	0	0	0	0	0	89
U-01.E2	Waterman & East Twin Creek	SBCFCD	Local	82	411	1,337	3,068	2,153	1,448	579	2,293	914	2,681	3,820	997	19,783
U-01.E3	Santa Ana River	SBVWCD	Local	0	184	357	1,194	3,218	4,549	4,042	3,230	1,471	0	0	0	18,245
U-01.E4	Mill Creek (Lower)	SBVWCD	Local	0	21	0	0	0	388	699	1,395	429	0	0	0	2,932
U-01.E9	Lytle Creek	FUWC	Local	0	61	153	35	5,348	2,137	847	94	0	1	1	5	8,688
U-01.F9	Little San Geronio	RCFC&WCD	Local	0	0	0	0	0	15	0	0	0	0	0	0	15
U-02.B1	Bautista Creek	RCFC&WCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.B1	San Jacinto	EMWD	Local	0	0	0	0	456	462	0	0	0	0	0	0	918

Abbreviation of agencies conducting spreading operations are presented in alphabetical order: CAWC, California-American Water Company; CPWD, City of Pomona Water Department; CSMWD, City of Sierra Madre Water Department; EMWD, Eastern Municipal Water District; EWC, Etiwanda Water Co.; FUWC, Fontana Union Water Co.; LACFCD, Los Angeles County Flood Control District; LADW&P, Los Angeles Department of Water and Power; OCFCD, Orange County Flood Control District; OCWD, Orange County Water District; RCFC&WCD, Riverside County Flood Control & Water Conservation District; SAVIC, Santa Ana Valley Irrigation Co.; SAWC, San Antonio Water Co.; SBCFCD, San Bernardino County Flood Control District; SBVWCD, San Bernardino Valley Water Conservation District; SGRSC, San Gabriel River Spreading Corporation; TWC, Temescal Water Company; UWCD, United Water Conservation District.

\* Bimonthly amounts.





Appendix D

**SURFACE WATER QUALITY DATA**



## Appendix D

### SURFACE WATER QUALITY DATA

This appendix presents surface water quality data collected during the period from October 1, 1972, through September 30, 1973. The data were collected from 123 stream and lake sampling stations in Southern California in cooperation with other state, local and federal agencies.

These stations are listed in Table D-1 and the locations of the stations are shown in Figure D-1 through D-6. Water quality sampling stations have been identified by an eight-digit number, i.e., Z-6-1300.00. The first digit designates the area in which the station is located. The second digit designates river basin or valley floor. The third digit designates the particular stream or reach of stream in the river basin; the next five digits are numbers assigned to the particular station. Station numbers have been assigned according to the Department of Water Resources Bulletin No. 157, "Index of Stream Gaging Stations In and Adjacent to California, 1970." At the time of field sampling, dissolved oxygen, pH, and water temperature are determined; an estimate of the flow is made; and the gage height and time are noted. Comments on local conditions are noted in field books which are available in the files of the Department of Water Resources, Southern District.

The mineral constituents were determined in accordance with methods described in "Standard Methods for the Examination of Water and Waste Water", prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 13th Edition, 1971. In some cases, the methods used were those presented in the U. S. Geological Survey Water Paper 1454, "Methods for Collection and Analysis of Water Samples", 1960.



**SURFACE WATER SAMPLING STATIONS  
CENTRAL COASTAL AREA**

D-6-3050.00	CUYAMA RIVER NEAR GAREY
D-8-1440.00	SANTA YNEZ RIVER NEAR SOLVANG
D-8-1565.00	LAKE CACHUMA NEAR SANTA YNEZ

## LEGEND

● D-8-1480.00  
SURFACE WATER SAMPLING STATION  
AND NUMBER (SEE PAGE TO THE LEFT)



KEY MAP

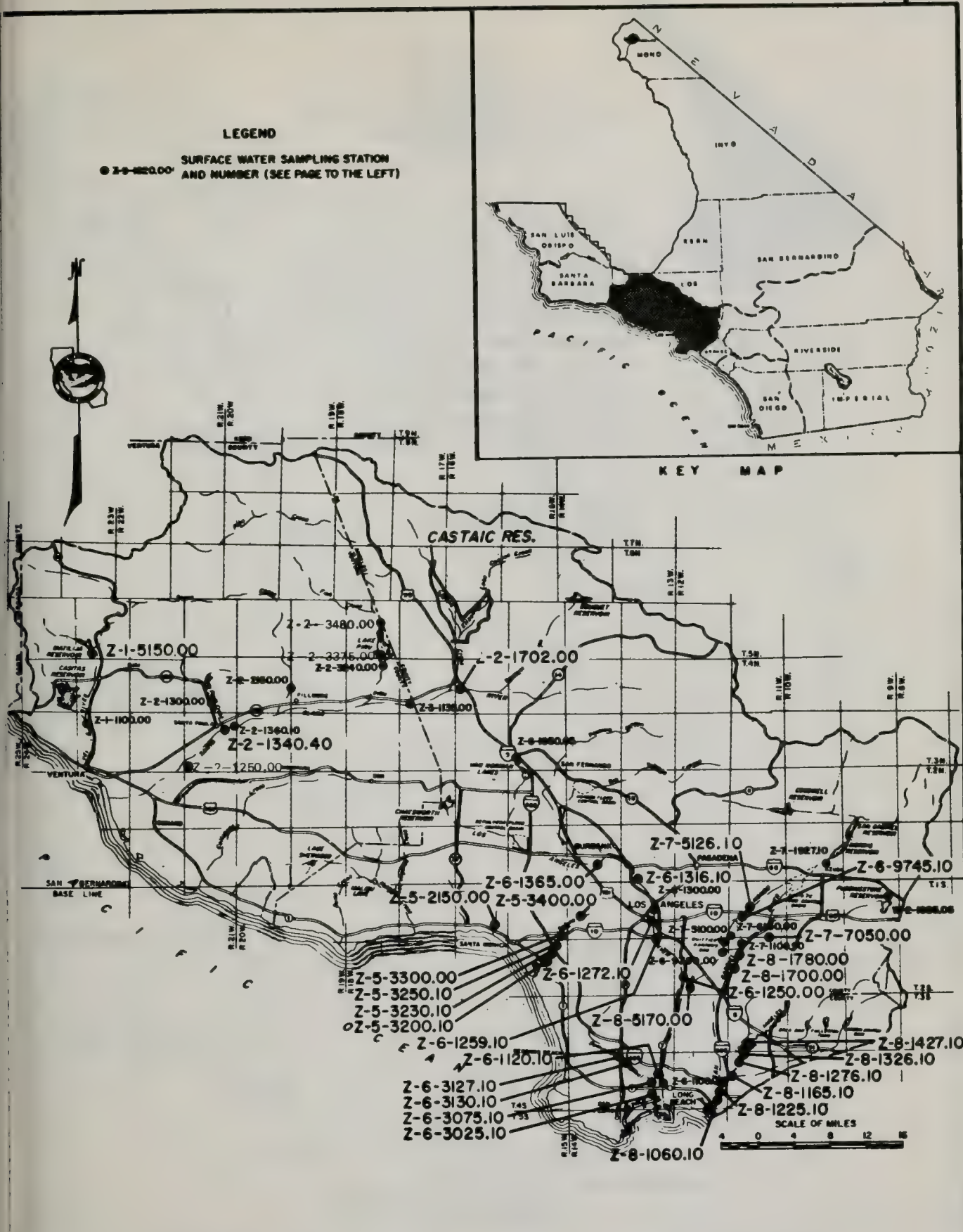


# LOCATION OF SURFACE WATER SAMPLING STATIONS CENTRAL COASTAL AREA

# SURFACE WATER SAMPLING STATIONS LOS ANGELES AREA

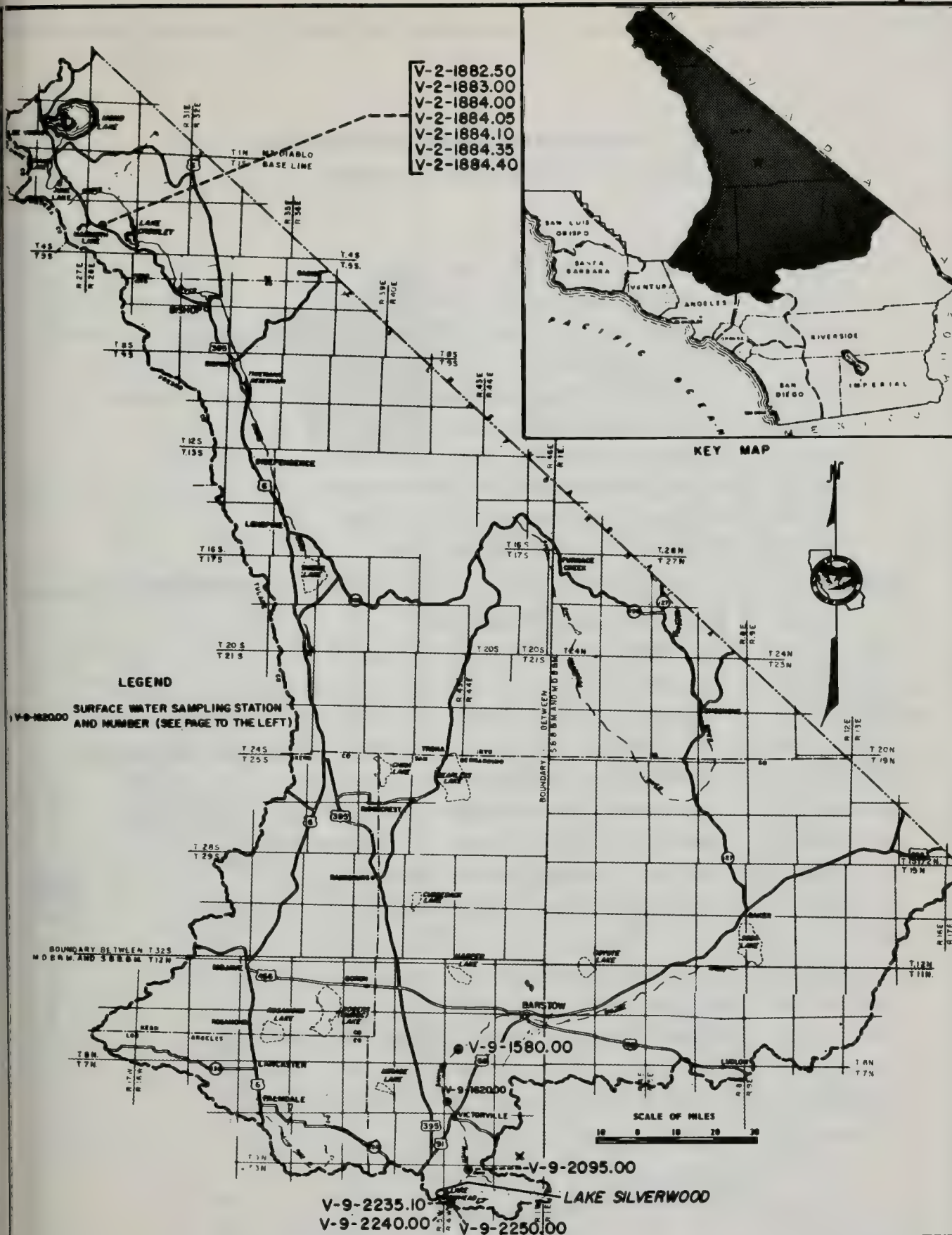
Z-1--1100.00	VENTURA RIVER NEAR VENTURA
Z-1-5150.00	MATILIJIA CREEK BELOW DAM
Z-2-1250.00	SATICOY DIVERSION NEAR SATICOY
Z-2-1300.00	SANTA PAULA CREEK NEAR SANTA PAULA
Z-2-1340.40	SANTA CLARA RIVER ABOVE JUNCTION WITH SANTA PAULA CREEK
Z-2-1360.10	SANTA CLARA RIVER NEAR SANTA PAULA
Z-2-1702.00	SANTA CLARA RIVER AT HIGHWAY 99
Z-2-2150.00	SESPE CREEK NEAR FILLMORE
Z-2-3240.00	PIRU CREEK BELOW SANTA FELICIA DAM
Z-2-3375.00	PIRU LAKE NEAR PIRU
Z-2-3480.00	PIRU CREEK ABOVE PIRU LAKE
Z-3-1135.00	SANTA CLARA RIVER AT LOS ANGELES--VENTURA COUNTY LINE
Z-5-1020.10	MALIBU CREEK AT PACIFIC COAST HIGHWAY
Z-5-2150.00	TOPANGA CREEK ABOVE PACIFIC COAST HIGHWAY
Z-5-3200.10	BALLONA CREEK AT LINCOLN BOULEVARD
Z-5-3230.10	CENTINELA CREEK AT CENTINELA BOULEVARD
Z-5-3250.10	BALLONA CREEK AT CENTINELA BOULEVARD
Z-5-3300.00	BALLONA CREEK NEAR CULVER CITY (AT SAWTELLE BOULEVARD)
Z-5-3400.00	BALLONA CREEK AT CURSON STREET
Z-6-1100.00	LOS ANGELES RIVER AT PACIFIC COAST HIGHWAY
Z-6-1120.10	LOS ANGELES RIVER AT WILLOW STREET
Z-6-1250.00	LOS ANGELES RIVER AT FIRESTONE BOULEVARD
Z-6-1259.10	LOS ANGELES RIVER AT DOWNEY ROAD
Z-6-1272.10	LOS ANGELES RIVER AT SIXTH STREET
Z-6-1300.00	LOS ANGELES RIVER AT FIGUEROA STREET
Z-6-1316.10	LOS ANGELES RIVER AT LOS FELIZ BOULEVARD
Z-6-1365.00	LOS ANGELES RIVER AT TUJUNGA AVENUE
Z-6-1850.05	LOS ANGELES AQUEDUCT NEAR SAN FERNANDO
Z-6-3025.10	DOMINGUEZ CHANNEL AT ANAHEIM STREET
Z-6-3075.10	DOMINGUEZ CHANNEL AT WILMINGTON AVENUE
Z-6-3127.10	DOMINGUEZ CHANNEL 1000 FEET ABOVE VERMONT AVENUE
Z-6-3130.10	DOMINGUEZ CHANNEL BELOW VERMONT AVENUE
Z-6-9745.10	RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS
Z-6-9780.00	RIO HONDO ABOVE SPREADING GROUNDS
Z-7-1100.90	SAN GABRIEL RIVER AT WHITTIER NARROWS
Z-7-1927.10	SAN GABRIEL RIVER AT AZUSA POWERHOUSE
Z-7-5100.00	RIO HONDO AT WHITTIER NARROWS
Z-7-5126.10	RIO HONDO RIVER AT POMONA FREEWAY
Z-7-6150.00	MISSION CREEK AT WHITTIER NARROWS
Z-7-7050.00	SAN JOSE CREEK AT WORKMAN MILL ROAD
Z-8-1060.10	SAN GABRIEL RIVER AT PACIFIC COAST HIGHWAY
Z-8-1165.10	COYOTE CREEK AT WILLOW STREET
Z-8-1225.10	SAN GABRIEL RIVER AT WILLOW STREET
Z-8-1276.10	COYOTE CREEK AT DEL AMO BOULEVARD
Z-8-1326.10	COYOTE CREEK AT VALLEY VIEW AVENUE
Z-8-1427.10	COYOTE CREEK NORTH FORK AT LEFFINGWELL ROAD
Z-8-1700.00	SAN GABRIEL RIVER AT THE HEADWORKS
Z-8-1780.00	SAN GABRIEL RIVER AT BEVERLY BOULEVARD
Z-8-5170.00	RIO HONDO RIVER NEAR DOWNEY
W-2-1985.05	COLORADO RIVER AQUEDUCT UPPER FEEDER AT LA VERNE





**SURFACE WATER SAMPLING STATIONS  
SOUTH LAHONTAN AREA**

V-2-1882.50	TWIN LAKES AT OUTLET BELOW DAM, STATION NUMBER 3
V-2-1883.00	LAKE MAMIE AT OUTLET ABOVE DAM
V-2-1884.00	LAKE MARY AT OUTLET BELOW DAM
V-2-1884.05	LAKE GEORGE AT END OF BOAT DOCK
V-2-1884.10	LAKE GEORGE OVERFLOW NEAR LAKE MARY
V-2-1884.35	COLD WATER CREEK AT LAKE MARY
V-2-1884.40	MAMMOTH CREEK AT LAKE MARY
V-9-1580.00	MOJAVE RIVER NEAR HELENDAL
V-9-1620.00	MOJAVE RIVER NEAR VICTORVILLE
V-9-2095.00	MOJAVE RIVER BELOW FORKS RESERVOIR NEAR HESPERIA
V-9-2235.10	LAKE GREGORY
V-9-2240.00	SEELEY CREEK NEAR CEDAR SPRINGS
V-9-2250.00	MOJAVE RIVER EAST FORK OF THE WEST FORK



## DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1974



# **SURFACE WATER SAMPLING STATIONS** **COLORADO RIVER BASIN**

W-2-1560.00	COLORADO RIVER NEAR TOPOCK
W-2-1775.10	COLORADO RIVER BELOW PARKER DAM
W-2-1960.00	COLORADO RIVER AQUEDUCT AT COLORADO RIVER INTAKE (LAKE HAVASU)
W-2-1975.00	COLORADO RIVER INDIAN RESERVATION MAIN CANAL NEAR PARKER
W-3-1070.00	WHITEWATER RIVER NEAR MECCA
W-3-1450.00	WHITEWATER RIVER NEAR WHITEWATER
W-5-1600.70	SALTON SEA AT SALTON SEA STATE PARK
W-7-1400.00	COLORADO RIVER BELOW CIBOLA VALLEY
W-7-1600.00	COLORADO RIVER AT IMPERIAL DAM
W-7-1800.00	COLORADO RIVER NORTH OF THE INTERNATIONAL BOUNDARY NEAR ANDRADE
W-7-1905.00	PALO VERDE CANAL NEAR BLYTHE
W-7-1922.00	ALL AMERICAN CANAL BELOW IMPERIAL DAM
W-7-1929.00	ALL AMERICAN CANAL ABOVE PILOT KNOB WASTEWAY
W-7-1939.10	COACHELLA CANAL AT DROP 1 ALL AMERICAN CANAL
W-7-1968.10	ALL AMERICAN CANAL WATER TO PURIFICATION PLANT (EL CENTRO)
W-9-1100.00	NEW RIVER NEAR WESTMORLAND
W-9-1160.10	NEW RIVER NORTH OF BRAWLEY AT HIGHWAY 111
W-9-1290.10	NEW RIVER SOUTH OF BRAWLEY AT KEYSTONE ROAD
W-9-1800.00	NEW RIVER AT INTERNATIONAL BOUNDARY
W-9-2025.00	ALAMO RIVER NORTH OF THE INTERNATIONAL BOUNDARY
W-9-2100.00	ALAMO RIVER NEAR CALIPATRIA
W-9-2135.10	ALAMO RIVER 300 FEET NORTH OF SINCLAIR ROAD
W-9-2205.10	ROSE DRAIN AT THE ALAMO RIVER
W-9-2240.10	ALAMO RIVER AT WORTHINGTON ROAD NEAR HOLTVILLE
W-9-2250.10	CENTRAL DRAIN AT THE ALAMO RIVER
W-9-2265.10	ALAMO RIVER AT HIGHWAY 115 WEST OF HOLTVILLE

### LEGEND

● W-9-1620.00 SURFACE WATER SAMPLING STATION  
AND NUMBER (SEE PAGE TO THE LEFT)

### KEY MAP

## LOCATION OF SURFACE WATER SAMPLING STATIONS COLORADO RIVER BASIN

**SURFACE WATER SAMPLING STATIONS  
SANTA ANA AREA**

Y-1-1550.00	SANTA ANA RIVER BELOW PRADO DAM
Y-2-1210.05	CHINO CREEK NEAR CHINO
Y-4-1100.00	WARM CREEK NEAR COLTON
Y-5-1050.10	SANTA ANA RIVER, SAN BERNARDINO — RIVERSIDE COUNTY LINE
Y-5-1100.00	SANTA ANA RIVER AT E STREET BRIDGE
Y-5-1150.00	SANTA ANA RIVER AT WATERMAN AVENUE
Y-5-1700.00	SANTA ANA RIVER NEAR MENTONE
Y-5-1945.00	SANTA ANA RIVER SPREADING DIVERSION NEAR MENTONE
Y-5-1978.00	SANTA ANA RIVER NO. 1 TAILRACE NEAR MENTONE
Y-5-2400.00	BIG BEAR LAKE NEAR BIG BEAR LAKE
Y-5-2400.10	BIG BEAR LAKE STREAM BELOW BIG BEAR DAM
Y-6-1110.00	SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA
Y-6-1225.00	SANTA ANA RIVER NEAR NORCO
Y-6-1400.00	SANTA ANA RIVER NEAR ARLINGTON
Y-7-1145.00	SAN TIMOTEO CREEK AT WATERMAN AVENUE NEAR SAN BERNARDINO
Y-8-2200.00	LAKE ELSINORE AT STATE PARK

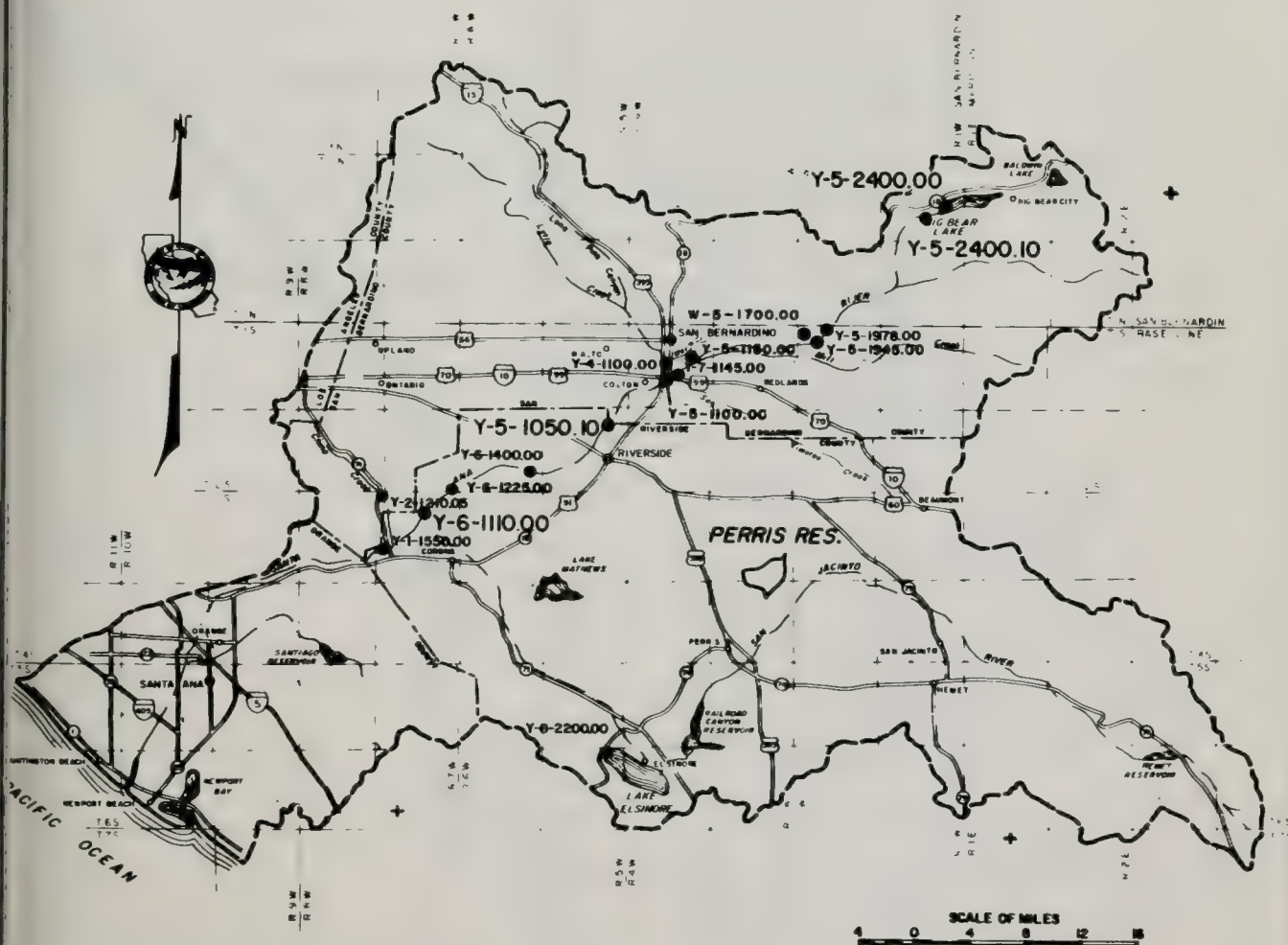


## LEGEND

- Y-5-1978.00 SURFACE WATER SAMPLING STATION AND NUMBER (SEE PAGE TO THE LEFT)



KEY MAP



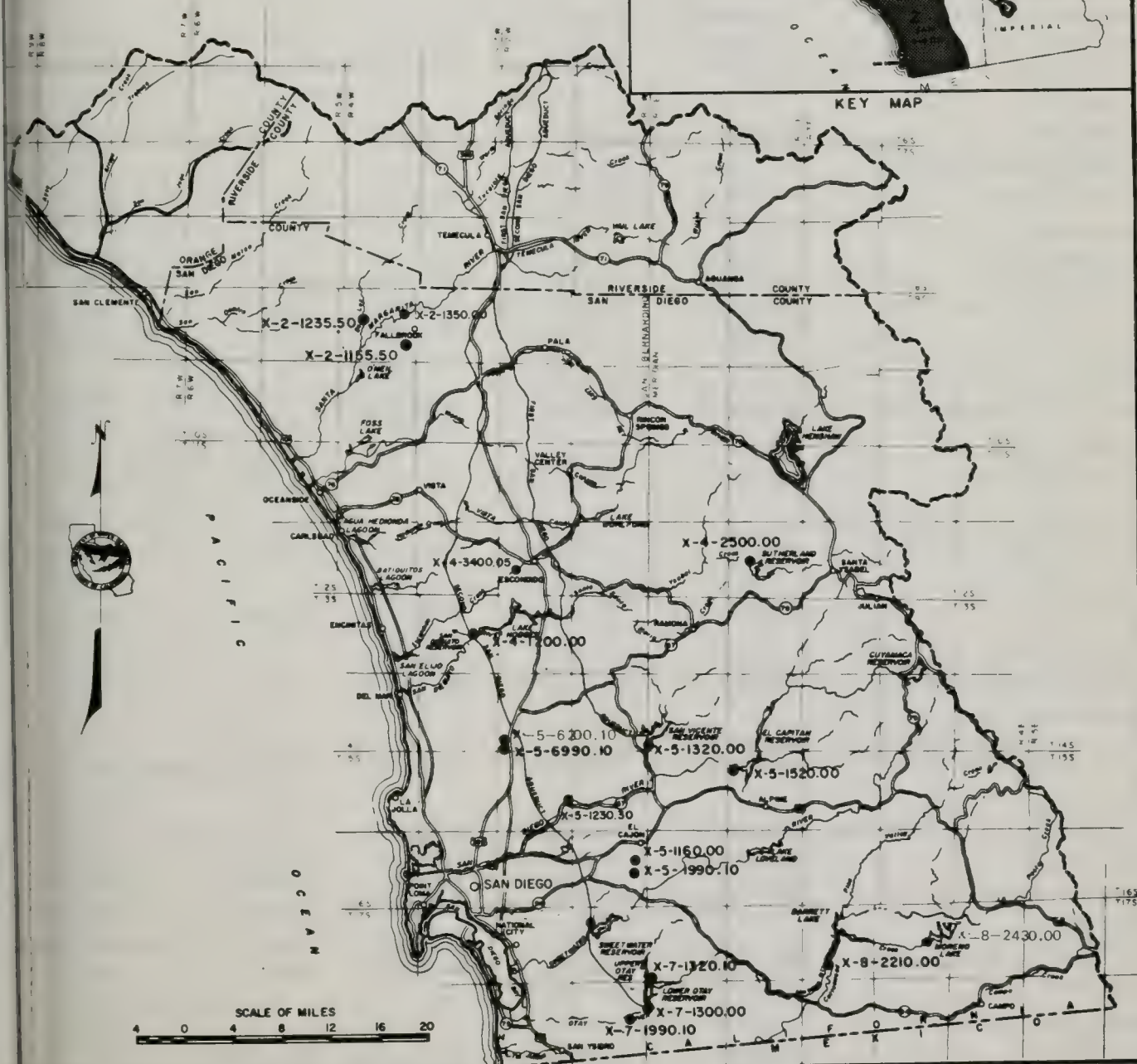
## LOCATION OF SURFACE WATER SAMPLING STATIONS SANTA ANA AREA

**SURFACE WATER SAMPLING STATIONS  
SAN DIEGO AREA**

X-2-1155.50	FALLBROOK CREEK AT NAVAL WEAPONS STA. BDRY.
X-2-1235.50	DE LUZ CREEK BELOW TRIB. ADJ. TO DE LUZ-MURRIETA ROAD
X-2-1350.00	SANTA MARGARITA RIVER NEAR FALLBROOK
X-4-1200.00	SAN DIEGUITO RIVER AT LAKE HODGES
X-4-2500.00	SANTA YSABEL CREEK AT SUTHERLAND DAM
X-4-3400.05	ESCONDIDO CREEK NEAR HARMONY GROVE
X-5-1160.00	ALVARADO CANYON AT MURRAY DAM
X-5-1230.30	SAN DIEGO RIVER AT OLD MISSION DAM
X-5-1320.00	SAN VICENTE CREEK AT SAN VICENTE DAM
X-5-1520.00	SAN DIEGO RIVER AT EL CAPITAN DAM
X-5-1990.10	ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR
X-5-6200.10	MIRAMAR RESERVOIR NEAR MIRAMAR
X-5-6990.10	MIRAMAR FILTRATION PLANT BELOW MIRAMAR
X-7-1300.00	OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)
X-7-1320.10	OTAY RIVER AT UPPER OTAY RESERVOIR
X-7-1990.10	LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RESERVOIR
X-8-2210.00	COTTONWOOD CREEK AT BARRETT DAM
X-8-2430.00	COTTONWOOD CREEK AT MORENA DAM

## LEGEND

● X-2-1620.00 SURFACE WATER SAMPLING STATION  
AND NUMBER (SEE PAGE TO THE LEFT)



# LOCATION OF SURFACE WATER SAMPLING STATIONS SAN DIEGO AREA



TABLE D-1  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Alamo River</b>					
North of the International Boundary	W-9-2025.00	17S/16E-18G	December 1969	Quarterly	293
Near Calipatria	W-9-2100.00	11S/13E-22G	March 1951	Quarterly	293
300 Feet North of Sinclair Road	W-9-2135.10	11S/13E-25N	November 1972	Special Study	367
At Worthington Road Near Holtville	W-9-2240.10	15S/15E-16E	November 1972	Special Study	367
At Highway 115 West of Holtville	W-9-2265.10	15S/15E-27K	November 1972	Special Study	367
<b>All American Canal</b>					
Above Pilot Knob Wasteway	W-7-1929.00	16S/21E-24K	May 1953	Quarterly	293
Below Imperial Dam	W-7-1922.00	15S/24E-17F	November 1972	Special Study	367
Water to Purification Plant ( El Centro )	W-7-1968.10	16S/14E-18B	November 1972	Special Study	367
<b>Alvarado Canyon</b>					
At Murray Dam	X-5-1160.00	16S/02W-13E	March 1952	Three/Year	295, 323, 331,
<b>Alvarado Filtration Plant</b>					
Below Murray Reservoir	X-5-1990.10	16S/02W-13F	May 1969	M-Composite	296, 331, 352
<b>Ballona Creek</b>					
At Lincoln Boulevard	Z-5-3200.10	02S/15W-22R	April 1969	Monthly	304, 326, 338,
At Centinela Boulevard	Z-5-3250.10	02S/15W-23A	December 1969	Monthly	305, 338, 357
Near Culver City (at Sawtelle Boulevard)	Z-5-3300.00	02S/15W-13G	April 1971	Monthly	305, 339, 357
At Curson Street	Z-5-3400.00	01S/14W-32J	April 1969	Monthly	306, 339, 358
<b>Bear Creek</b>					
Big Bear Lake Near Big Bear Lake	Y-5-2400.00	02N/01W-22M	September 1963	Varies	300, 354
Big Bear Lake Stream Below Big Bear Dam	Y-5-2400.10	02N/01W-22M	September 1963	Varies	300, 354
<b>Centinela Creek</b>					
At Centinela Boulevard	Z-5-3230.10	02S/15W-23H	April 1969	Monthly	305, 338, 357
<b>Central Drain</b>					
At the Alamo River	W-9-2250.10	15S/15E-20L	March 1969	Quarterly	294, 323, 335,
<b>Chino Creek</b>					
Near Chino	Y-2-1210.05	03S/08W-36R	April 1952	Quarterly	298
<b>Coachella Canal</b>					
At Drop 1 All American Canal	W-7-1939.10	16S/20E-31K	November 1972	Special Study	367
<b>Colorado River Aqueduct</b>					
At Colorado River Intake (Lake Havasu)	W-2-1960.00	03N/27E-02B	November 1953	Monthly	287
Upper Feeder At La Veme	W-2-1985.05	01S/09W-06	April 1951	M-Composite	288, 321, 349
<b>Colorado River</b>					
Near Topock	W-2-1560.00	15N/21W-13E	March 1970	Semiannually	286, 320, 348
Below Cibola Valley	W-7-1400.00	02S/23W-30L	March 1970	Semiannually	289, 321, 349
Below Parker Dam	W-2-1775.10	02N/27E-15M	April 1951	Semiannually	286, 320, 349
Indian Reservation Main Canal	W-2-1975.00	10N/19W-31F	March 1970	Semiannually	287, 321, 349
Near Parker					
At Imperial Dam	W-7-1600.00	15S/24E-09	March 1969	Quarterly	289, 321, 335, 3
North of The International Boundary	W-7-1800.00	08S/24W-21	March 1970	Weekly	291
Near Andrade					
<b>Cottonwood Creek</b>					
At Barrett Dam	X-8-2210.00	17S/03E-21H	November 1950	Semiannually	298, 325, 333, 3
At Morena Dam	X-8-2430.00	17S/04E-23B	November 1950	Semiannually	298, 325, 333, 3

TABLE D-1 (Continued)  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Croton Creek</b>					
at Willow Street	Z-8-1165.10	04S/12W-24R	May 1968	Monthly	315, 328, 344, 362
at Del Amo Boulevard	Z-8-1276.10	04S/11W-05P	May 1968	Monthly	316, 345, 363
at Valley View Avenue	Z-8-1326.10	03S/11W-34D	May 1968	Monthly	317, 345, 363
at North Fork At Leffingwell Road	Z-8-1427.10	03S/11W-09K	May 1968	Monthly	317, 345, 364
<b>Cuyamaca River</b>					
near Garey	D-6-3050.00	10N/32W-18M	October 1958	Quarterly	285
<b>De Luz Creek</b>					
along Unnamed Trib. Adj. to De Luz-Murrieta Road	X-2-1235.50	8S/4W-32E	December 1953	Varies	294
<b>Dominquez Channel</b>					
at Anaheim Street	Z-6-3025.10	04S/13W-34M	July 1967	Monthly	310, 327, 342, 360
at Wilmington Street	Z-6-3075.10	04S/13W-16J	January 1967	Monthly	310, 342, 360
100 Feet Above Vermont Avenue	Z-6-3127.10	03S/14W-25R	July 1967	Monthly	310, 342, 360
along Vermont Avenue	Z-6-3130.10	03S/14W-36A	July 1967	Monthly	311, 342, 361
<b>Elondido Creek</b>					
near Harmony Grove	X-4-3400.05	12S/02W-30K	March 1951	Quarterly	295, 335, 351
<b>Elbrook Creek</b>					
at Naval Weapons Sta. Bdry.	X-2-1155.50	9S/4W-25E	May 1965	Monthly	294
<b>El Estero</b>					
at State Park	Y-8-2200.00	06S/05W-02J	February 1952	Quarterly	301
<b>Los Angeles Aqueduct</b>					
near San Fernando	Z-6-1850.05	03N/15W-30	April 1951	Monthly	309
<b>Los Angeles River</b>					
at Pacific Coast Highway	Z-6-1100.00	04S/13W-26R	April 1951	Semiannually	306, 327, 339
at Willow Street	Z-6-1120.10	04S/13W-23R	July 1967	Monthly	307, 327, 340, 358
at Firestone Boulevard	Z-6-1250.00	02S/12W-31J	July 1967	Monthly	307, 340, 358
at Downey Road	Z-6-1259.10	02S/13W-11R	July 1967	Monthly	308, 340, 359
at Sixth Street	Z-6-1272.10	01S/13W-34K	July 1967	Monthly	308, 341, 359
at Figueroa Street	Z-6-1300.00	01S/13W-15K	April 1951	Semiannually	308
at Los Feliz Boulevard	Z-6-1316.10	01S/13W-05D	July 1967	Monthly	309, 341, 359
at Tujunga Avenue	Z-6-1365.00	01N/14W-30J	July 1967	Monthly	309, 341, 360
<b>Lower Otay Filtration Plant</b>					
below Lower Otay Reservoir	X-7-1990.10	18S/01W-13H	May 1969	M-Composite	297, 324, 332, 353
<b>Mibu Creek</b>					
at Pacific Coast Highway	Z-5-1020.10	01S/17W-32K	September 1972	Annually	303, 326, 337, 356
<b>Mitilija Creek</b>					
below Dam	Z-1-5150.00	05N/23W-28M	January 1971	Quarterly	302, 325
<b>Miramar Reservoir</b>					
near Miramar	X-5-6200.10	14S/02W-32H	August 1968	Quarterly	296, 324, 332, 352
<b>Miramar Filtration Plant</b>					
below Miramar	X-5-6990.10	14S/02W-32H	May 1969	M-Composite	297, 324, 332, 352
<b>Mission Creek</b>					
at Whittier Narrows	Z-7-6150.00	02S/11W-06G	April 1951	Monthly	No Flow

TABLE D-1 (Continued)  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Mojave River</b>					
Near Helendale	V-9-1580.00	08N/04W-30Q	February 1963	Annually	285, 348
Near Victorville	V-9-1620.00	06N/04W-29Q	March 1951	Quarterly	285, 335, 348
Below Forks Reservoir Near Hesperia	V-9-2095.00	03N/03W-18L	July 1957	Quarterly	286
Lake Gregory	V-9-2235.10	02N/04W-23	May 1971	Varies	286, 348
Seeley Creek Near Cedar Springs	V-9-2240.00	02N/04W-09L	October 1971	Annually	286, 348
East Fork of the West Fork	V-9-2250.00	02N/04W-10M	April 1965	Monthly	286, 348
<b>New River</b>					
Near Westmorland	W-9-1100.00	12S/13E-19R	February 1951	Quarterly	293, 367
North of Brawley at Highway 111	W-9-1160.10	13S/14E-21K	November 1972	Special Study	367
At International Boundary	W-9-1800.00	17S/14E-14Q	April 1951	Quarterly	293, 367
South of Brawley at Keystone Road	W-9-1290.10	14S/13E-23N	November 1972	Special Study	367
<b>Otay River</b>					
At Savage Dam (Lower Otay Res.)	X-7-1300.00	18S/01E-18D	December 1950	Quarterly	297, 324, 332
At Upper Otay Reservoir	X-7-1320.10	17S/01W-36H	August 1952	Semiannually	297, 324, 332
<b>Owens River</b>					
Twin Lakes at Outlet Below Dam, Station No. 3	V-2-1882.50	04S/27E-4NM	October 1971	Special Study	285, 320, 348
Lake Mamie at Outlet above Dam	V-2-1883.00	04S/27E-9NM	October 1971	Special Study	285, 320, 348
Lake Mary at Outlet below Dam	V-2-1884.00	04S/27E-16DM	October 1971	Special Study	285, 320, 348
Lake George at End of Boat Dock	V-2-1884.05	04S/27E-17HM	October 1971	Special Study	285, 320, 348
Lake George Overflow Near Lake Mary	V-2-1884.10	04S/27E-16FM	October 1971	Special Study	285, 320, 348
Cold Water Creek at Lake Mary	V-2-1884.35	04S/27E-16KM	May 1972	Special Study	285, 320, 348
Mammoth Creek at Lake Mary	V-2-1884.40	04S/27E-16GM	May 1972	Special Study	285, 320, 348
<b>Palo Verde Canal</b>					
Near Blythe	W-7-1905.00	05S/24E-19C	June 1957	Monthly	292, 322, 350
<b>Piru Creek</b>					
Below Santa Felicia Dam	Z-2-3240.00	04N/18W-03K	June 1957	Quarterly	303, 325, 356
Piru Lake Near Piru	Z-2-3375.00	04N/18W-03G	May 1955	Quarterly	303, 325, 356
<b>Rio Hondo</b>					
At Rio Hondo Spreading Grounds	Z-6-9745.10	02S/12W-11R	May 1968	Monthly	312, 327, 343
Above Spreading Grounds	Z-6-9780.00	02S/12W-12B	May 1963	Monthly	312
At Whittier Narrows	Z-7-5100.00	02S/11W-06B	April 1951	Monthly	314
At Pomona Freeway	Z-7-5126.10	01S/11W-31F	May 1968	Monthly	314, 328, 343
Near Downey	Z-8-5170.00	03S/12W-05D	September 1968	Monthly	318, 329, 346
<b>Rose Drain</b>					
At the Alamo River	W-9-2205.10	14S/15E-07C	March 1969	Quarterly	294, 322, 335
<b>Salton Sea</b>					
At Salton Sea State Park	W-5-1600.70	08S/10E-02L	March 1955	Quarterly	288
<b>San Diego River</b>					
At Old Mission Dam	X-5-1230.30	15S/022-25F	April 1951	Quarterly	296
At El Capitan Dam	X-5-1520.00	15S/02E-07H	April 1958	Quarterly	296, 323, 331, 352
<b>San Dieguito River</b>					
At Lake Hodges	X-4-1200.00	13S/03W-18F	December 1946	Quarterly	295, 323, 331, 351



**TABLE D-1 (Continued)**  
**SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA**

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>San Gabriel River</b>					
Whittier Narrows	Z-7-1100.90	02S/11W-05K	April 1950	Monthly	313
Azusa Powerhouse	Z-7-1927.10	01N/10W-22J	March 1957	Monthly	313, 328
Pacific Coast Highway	Z-8-1060.10	05S/12W-11L	May 1968	Monthly	315, 328, 344, 362
Willow Street	Z-8-1225.10	04S/12W-24P	May 1968	Monthly	316, 329, 344, 363
The Headworks	Z-8-1700.00	02S/11W-18L	July 1973	Monthly	317, 329, 346, 364
Beverly Boulevard	Z-8-1780.00	02S/11W-07R	May 1968	Monthly	318, 329, 346, 364
<b>San Jose Creek</b>					
Workman Mill Road	Z-7-7050.00	02S/11W-03B	March 1973	Monthly	314, 328, 343, 362
<b>San Timoteo Creek</b>					
Vateman Avenue Near San Bernardino	Y-7-1145.00	01S/04W-23N	March 1954	Quarterly	301, 337, 355
<b>San Vicente Creek</b>					
San Vicente Dam	X-5-1320.00	14S/01E-31E	March 1948	Quarterly	296, 323, 331, 352
<b>San Ana River</b>					
Bow Prado Dam	Y-1-1550.00	03S/07W-29E	April 1951	Monthly	298, 325, 335, 353
San Bernardino-Riverside County Line	Y-5-1050.10	02S/05W-01M	May 1971	Monthly	299, 336, 354
Vateman Avenue	Y-5-1150.00	01S/04W-22	August 1966	Semiannually	299, 354
N 1 Tailrace Near Mentone	Y-5-1978.00	01S/04W-04P	April 1951	Monthly	300, 354
"E" Street Bridge	Y-5-1100.00	01S/04W-22M	January 1939	Monthly	299, 325, 336, 354
Near Mentone	Y-5-1700.00	01S/02W-04M	August 1966	Varies	299, 354
Seading Diversion Near Mentone	Y-5-1945.00	01S/02W-08H	February 1962	Varies	299, 354
Auburn Bridge Near Corona	Y-6-1110.00	03S/07W-10K	October 1963	Varies	300, 355
Near Arlington	Y-6-1400.00	02S/06W-25L	January 1951	Monthly	301, 336, 355
Near Norco	Y-6-1225.00	03S/07W-01A	April 1951	Quarterly	300, 336, 355
<b>San Clara River</b>					
Near Santa Paula	Z-2-1360.10	03N/21W-12P	April 1951	Quarterly	302, 325
Los Angeles-Ventura County Line	Z-3-1135.00	04N/17W-30K	April 1951	Quarterly	303, 326
Highway 99	Z-2-1702.00	04N/16W-17N	May 1967	Quarterly	302, 325, 337, 355
<b>San Margarita River</b>					
Near Fallbrook	X-2-1350.00	09S/04W-14H	February 1951	Quarterly	295, 323
<b>San Paula Creek</b>					
Near Santa Paula	Z-2-1300.00	04N/21W-27N	June 1957	Quarterly	302, 325
<b>San Ynez River</b>					
Near Solvang	D-8-1440.00	06N/31W-21R	April 1951	Quarterly	285
Near Cachuma	D-8-1565.00	06N/29W-19M	April 1958	Quarterly	285
<b>San Ysabel Creek</b>					
Sutherland Dam	X-4-2500.00	12S/02E-21E	December 1956	Semiannually	295, 323, 331, 351
<b>San Diego Creek</b>					
Near Fillmore	Z-2-2150.00	04N/20W-12B	June 1957	Quarterly	303, 325
<b>San Diego Creek</b>					
Ave Pacific Coast Highway	Z-5-2150.00	01S/16W-20M	September 1972	Annually	304, 326, 338, 356
<b>San Ventura River</b>					
Near Ventura	Z-1-1100.00	03N/23W-08F	May 1951	Quarterly	301
<b>San Creek</b>					
Near Colton	Y-4-1100.00	01S/04W-21L	April 1951	Quarterly	299, 336, 354
<b>San Newwater River</b>					
Near Mecca	W-3-1070.00	07S/09E-30R	July 1957	Quarterly	288, 367
Near Whitewater	W-3-1450.00	03S/03E-02B	February 1951	Quarterly	288, 321

\* Township, range, section and 40-acre tract number; referred to San Bernardino Base and Meridian.

## TABLE D-2 MINERAL ANALYSES OF SURFACE WATER

An explanation of column headings follows:

- GH** - The instantaneous gage height in feet above an established datum.  
**Q** - The instantaneous discharge in cubic feet per second (cfs). "E" indicates the value has been estimated.  
**DEPTH** - Depth in feet at which sample was collected.  
**DO** - The dissolved oxygen content in milligrams per liter.  
**SAT** - The percent of normal saturation of dissolved oxygen.  
**EC** - Electrical conductance in micromhos at 25° Celsius, Field or Lab determination.  
**pH** - Measure of acidity or alkalinity of water; field or laboratory determination.  
**TDS** - Gravimetric determination of total dissolved solids at 180° Celsius (or \*105° Celsius).  
**SUM** - Total dissolved solids determined by addition of analyzed constituents minus 1/2 of bicarbonate.  
**TH** - Total hardness.  
**NCH** - Noncarbonate hardness.  
**TIME** - Pacific Standard Time on a 24-hour clock.  
**TEMP** - Water temperature in degrees Fahrenheit (F) and Celsius (C) at the time of field sampling.  
**SAR** - Sodium Adsorption Ratio  
**TURB** - E = Jackson Candle Units (JCU) - Hellige  
           A = Jackson Turbidity Units (JTU) - Hach

**PERCENT REACTANCE VALUE** is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter arriving at a percentage.

### REM (REMARKS) as follow:

- T** - Total Dissolved Solids and the calculated SUM of constituents are not within 20 percent of each other.  
**E** - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.  
**S** - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5\%$ .  
**C** - The electrical conductivity divided by the EC-EPM factor (or if absent, 100) is not within 20% of the average of the cation sum and anion sum for complete analyses.  
**X** - The field EC and the lab EC are not within 20% of each other.  
**Z** - The value of the constituent is greater than the field limit; in which case all 9's will appear.  
**N** - This analysis has been reported under a different station number.

### The MINERAL CONSTITUENTS are as follows:

<b>B</b> -Boron	<b>F</b> - Fluoride	<b>NA</b> - Sodium
<b>CA</b> -Calcium	<b>HCO<sub>3</sub></b> -Bicarbonate	<b>NO<sub>3</sub></b> - Nitrate
<b>CL</b> -Chloride	<b>K</b> - Potassium	<b>SiO<sub>2</sub></b> - Silica
<b>CO<sub>3</sub></b> -Carbonate	<b>MG</b> - Magnesium	<b>SO<sub>4</sub></b> - Sulfate

### The LAB and SAMPLER agency codes are as follows:

1101 - Los Angeles County Flood Control District	5101 - San Bernardino County Flood Control District
1200 - Los Angeles Department of Water & Power	5130 - Los Angeles County Health Department
4412 - The Metropolitan Water District of Southern California	5229 - City of San Diego Water Department
5000 - U. S. Geological Survey	5239 - Long Beach Health Department
5007 - Camp Pendleton USMC	5411 - United Water Conservation District
5050 - Department of Water Resources	5867 - Fruit Growers Laboratory
5060 - California Department of Health	5877 - Environmental Engineering Laboratory, Inc., Chula Vista

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	TURB SAR		
D6 3050.00 CUYAMA RIVER NEAR GAREY																					
06/13/73	5000			60.8F		178	73	113	6.2	0	318	611	61	2.2	.25	.6	1319	744	3A	E	
0950	5050	18		16.0C	7.9 1641	8.88 44	6.00 30	4.92 25	.16 1	.00	5.21 26	12.72 65	1.72 9	.04	--	--	1201	484	1.8	C	
07/05/73	5000			60.8F		100	37	58	3.1	0	207	289	35	1.6	.21	.4	646	402	5A		
1100	5050	231		16.0C	7.6 945	4.99 47	3.04 29	2.52 24	.08 1	.00	3.39 33	6.02 58	.99 9	.03	--	--	626	232	1.3		
07/23/73	5050	3.40	12.6	72.0F	8.3 770	79	30	48	3.0	0	190	216	32	2.6	.22	.4	546	321	2A		
1230	5050		144	22.2C	8.0 822	3.94 46	2.47 29	2.09 24	.08 1	.00	3.11 36	4.50 53	.90 11	.04	--	--	504	165	1.2		
D8 1440.00 SANTA YNEZ RIVER NEAR SOLVANG																					
01/29/73	5050	3.77	11.0	56.0F	8.0 925	--	--	--	--	--	--	312	22	--	--	--	690	460	4A		
1230	5050	38	102	12.2C								6.50	.62	--	--	--					
04/23/73	5050		13.8	67.0F	8.2 975	--	--	--	--	--	--	250	71	--	--	--	768	475	2A		
1245	5050	50E	149	19.4C								5.21	2.00	--	--	--					
07/23/73	5050		19.2	77.0F	8.3 910	--	--	--	--	--	--	279	25	--	--	--	667	423	1A		
1130	5050	2E	230	25.0C								5.81	.71	--	--	--					
D8 1565.00 LAKE CACHUMA NEAR SANTA YNEZ																					
11/27/72	5050	16.72	8.1	58.0F	7.7 880	--	--	--	--	--	--	315	16	--	--	--	615	407	0A		
1115	5050		79	14.4C								6.56	.45	--	--	--					
01/29/73	5050	19.96	10.7	50.0F	8.1 800	--	--	--	--	--	--	312	16	--	--	--	616	400	6A		
1145	5050		95	10.0C								6.50	.45	--	--	--					
04/23/73	5050	50.48	11.6	61.0F	8.4 660	--	--	--	--	--	--	244	14	--	--	--	565	350	2A		
1200	5050		117	16.1C								5.08	.39	--	--	--					
07/23/73	5050	47.03	9.3	72.0F	8.2 780	--	--	--	--	--	--	258	12	--	--	--	550	358	1A		
1030	5050		106	22.2C								5.37	.34	--	--	--					
V2 1882.50 TWIN LAKES AT OUTLET BELOW DAM, STATION NO. 3																					
10/11/72	5050		10.3	42 F	7.7	11	3.8	4.5	1.6	0	59	2.4	.5	.1	.03	.1	66	44	1 A		
1045	5050	7E 0	113	6 C	6.5 103	.56 50	.31 28	.20 18	.04 4	.00	.97 94	.05 5	.01 1	.00	--	--	53	0	0.3	S	
V2 1883.00 LAKE MAMIE AT OUTLET ABOVE DAM																					
10/11/72	5050		9.0	44 F	6.9	3.9	1.5	1.5	.4	0	18	2.4	.5	.1	.01	.1	24	16	0 A		
1015	5050	5E 0	103	7 C	5.7 40	.19 49	.12 31	.07 18	.01 3	.00	.30 79	.07 18	.01 3	.00	--	--	20	1	0.2		
V2 1884.00 LAKE MARY AT OUTLET BELOW DAM																					
10/10/72	5050		8.4	46 F	7.0	5.4	.4	1.5	.5	0	18	2.8	.5	.0	.02	.1	27	15	0 A		
1435	5050	1.5 0	99	8 C	5.8 40	.27 71	.03 8	.07 18	.01 3	.00	.30 77	.08 21	.01 3	.00	--	--	21	0	0.2	T	
V2 1884.05 LAKE GEORGE AT END OF BOAT DOCK																					
10/10/72	5050		8.4	48 F	7.0	2.0	1.1	1.3	.4	0	12	2.4	.5	.2	.01	.1	19	10	0 A	E	
1410	5050		102	9 C	5.6 25	.10 38	.09 35	.06 23	.01 4	.00	.20 77	.05 19	.01 4	.00	--	--	14	0	0.2	T	
V2 1884.10 LAKE GEORGE OVERFLOW NEAR LAKE MARY																					
10/10/72	5050		8.5	45 F	7.0	5.1	.5	1.5	.4	0	17	4.3	.5	.0	.03	.1	20	15	0 A		
1500	5050	1E 0	99	7 C	6.2 38	.25 68	.04 11	.07 19	.01 3	.00	.28 74	.09 24	.01 3	.00	--	--	21	1	0.2		
V2 1884.35 COLD WATER CREEK AT LAKE MARY																					
10/10/72	5050		9.5	40 F	7.0	6.8	1.8	1.5	.4	0	28	2.4	.5	.1	.03	.1	33	25	0 A		
1525	5050	1E 0	102	4 C	6.2 55	.34 60	.15 26	.07 12	.01 2	.00	.46 85	.07 13	.01 2	.00	--	--	28	2	0.1	S	
V2 1884.40 MAMMOTH CREEK AT LAKE MARY																					
10/10/72	5050		9.0	41 F	6.9	5.9	1.2	1.7	.4	0	20	5.8	.5	.0	.03	.1	28	20	0 A		
1545	5050	.5 0	99	5 C	5.7 49	.29 62	.10 21	.07 15	.01 2	.00	.33 72	.12 26	.01 2	.00	--	--	25	3	0.2		
V9 1580.00 MOJAVE RIVER NR HELENDALE																					
01/11/73	5101					46	11	48	3.4	0	196	61	31	6.3	.08	.4	324	162			
5101	5101				7.7 659	2.30 43	.90 17	2.09 39	.09 2	.00	3.21 59	1.27 23	.87 16	.10 2	--	--	303	0	1.7		
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE																					
11/29/72	5050	3.23	7.6	60.0F	7.7 460	42	9.1	45	3.6	0	181	47	26	6.9	.07	.4	253	143	5A		
1315	5050	31	76	15.5C	7.7 459	2.10 43	.75 15	1.96 40	.09 2	.00	2.97 62	.98 20	.73 15	.11 2	--	--	269	0	1.6		
01/11/73	5101					43	9.1	39	3.2	0	179	45	28	7.4	.11	.4	297	145			
5101	5101				8.0 480	2.15 46	.75 16	1.70 36	.08 2	.00	2.93 61	.94 20	.79 17	.12 3	--	--	263	0	1.4		
01/31/73	5050	3.17	9.0	54.0F	7.8 420	37	10	43	2.9	0	175	44	25	6.5	.11	.4	292	134	3A		
1320	5050	34	84	12.2C	7.8 446	1.85 40	.82 18	1.87 41	.07 2	.00	2.87 62	.92 20	.71 15	.10 2	--	--	255	0	1.6		
04/26/73	5050		6.2	80.0F	7.7 260	23	6.4	24	2.5	0	113	19	15	3.2	.01	.3	173	84	15A		
1315	5050	122	77	26.6C	7.7 288	1.15 41	.53 19	1.04 37	.06 2	.00	1.85 68	.40 15	.42 15	.05 2	--	--	149	0	1.1		



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER HILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM	TH NCH	TURB SAR		
																				PERCENT	
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE CONTINUED																					
07/25/73 1245	5050 5050		7.3 98	89.0F 31.6C	8.4 7.5	465 530	37 1.85 35	8.8 .72 14	60 2.61 49	4.4 .11 2	0 .00	184 3.02 57	56 1.17 22	35 .99 19	5.6 .09 2	.17 --	.5 --	295 297	129 0	8A 2.3	
V9 2095.00 MOJAVE RIVER BL FORKS RES NR HESPERIA																					
11/29/72 0945	5050 5050		11.0 87	42.0F 5.6C	7.8 7.6	290 306	23 1.15 36	6.3 .52 16	34 1.48 46	1.6 .04 1	0 .00	119 1.95 64	37 .77 25	12 .34 11	.1 .00	.08 --	1.7 --	170 173	84 0	1A 1.6	
01/31/73 1000	5050 5050		11.9 86	36.0F 2.2C	7.8 7.5	200 231	19 .95 40	5.3 .44 18	22 .96 40	1.2 .03 1	0 .00	92 1.51 66	19 .40 17	14 .39 17	.0 .00	.00 --	.9 --	159 126	70 0	2A 1.2	
04/26/73 1030	5050 5050		10.4 95	52.5F 11.4C	7.6 7.0	80 90	7.2 .36 43	2.7 .22 26	5.5 .24 29	.8 .02 2	0 .00	43 .70 85	1.9 .04 5	3.0 .08 10	.2 .00	.08 --	.2 --	68 43	29 0	5A 0.4	T
07/25/73 0800	5050 5050		8.4 92	68.0F 20.0C	7.8 7.4	330 364	22 1.10 33	5.3 .44 13	40 1.74 52	3.7 .09 3	0 .00	96 1.57 48	47 .98 30	15 .42 13	17.0 .27 8	.13 --	1.3 --	206 197	77 0	2A 2.0	
V9 2235.10 LAKE GREGORY																					
10/26/72 1300	5101 5101				7.2	196	19 .95 49	4.8 .39 20	12 .52 27	2.2 .06 3	0 .00	80 1.31 72	2.5 .05 3	15 .42 23	1.6 .03 2	.04 --	.2 --	113 96	67 2		S
05/15/73	5101 5101				6.4	166	15 .75 45	4.7 .39 23	11 .48 29	1.8 .05 3	0 .00	63 1.03 62	8.7 .18 11	15 .42 25	2.0 .03 2	.25 --	.1 --	82 89	58 6	0.6	
V9 2240.00 SEELEY CR NR CEDAR SPRINGS																					
10/26/72 1100	5101 5101				6.9	268	24 1.20 45	6.9 .57 22	19 .83 31	1.8 .05 2	0 .00	90 1.48 57	13 .27 10	27 .76 29	4.2 .07 3	.05 --	.1 --	189 140	87 15	0.9	E T
V9 2250.00 MOJAVE RIVER E. FORK OF THE W. FORK																					
05/15/73	5101 5101				7.5	181	18 .90 48	4.8 .39 21	13 .57 30	1.3 .03 2	0 .00	77 1.26 85	12 .25 13	14 .39 20	1.7 .03 2	.02 --	.2 --	100 103	66 2	0.7	
W2 1560.00 COLORADO RIVER NEAR TOPOCK																					
10/02/72 0900	5000 5000	11210			8.0	1140	82 4.09 36	30 2.47 22	110 4.79 42	4.7 .12 1	0 .00	148 2.43 22	300 6.25 55	93 2.62 23	--	.18	.5 8.1	701	330 207	2.6	
11/01/72 0920	5000 5000	8790			7.8	1130	82 4.09 35	32 2.63 23	110 4.79 41	5.1 .13 1	0 .00	149 2.44 20	320 6.66 56	100 2.82 24	1.1 .02	.14	.3 8.4	732	340 214	2.6	
12/01/72 1210	5000 5000	8500			55.4F 13.0C	7.6	86 4.29 37	31 2.55 22	110 4.79 41	4.7 .12 1	0 .00	154 2.52 21	320 6.66 56	99 2.79 23	1.3 .02	.16	.3 8.8	737	340 216	2.6	
01/04/73 1130	5000 5000	10480			49.1F 9.5C	8.2	85 4.24 37	32 2.63 23	100 4.35 38	4.7 .12 1	0 .00	157 2.57 22	310 6.45 55	93 2.62 22	1.3 .02	.14	.3 8.8	712	340 215	2.3	
03/01/73 1220	5000 5000	10460			8.2	1140	86 4.29 37	30 2.47 21	110 4.79 41	4.8 .12 1	0 .00	167 2.74 23	320 6.66 55	94 2.65 22	1.6 .03	.16	.4 8.6	737	340 201	2.6	
04/02/73 1015	5000 5000	9240			8.3	1120	87 4.34 35	31 2.55 21	120 5.22 43	5.2 .13 1	0 .00	159 2.61 22	330 6.87 57	93 2.62 22	1.4 .02	.17	.3 8.0	754	350 214	2.8	
05/01/73 0915	5000 5000	14900			57.2F 14.0C	8.0	85 4.24 36	30 2.47 21	110 4.79 41	4.8 .12 1	0 .00	160 2.62 23	300 6.25 55	90 2.54 22	.4 .01	.14	.4 8.5	708	340 205	2.6	
06/14/73 1050	5000 5000	14250			60.8F 16.0C	7.5	84 4.19 38	29 2.38 22	100 4.35 39	4.8 .12 1	0 .00	163 2.67 24	290 6.04 54	98 2.54 23	1.8 .03	.13	.4 8.7	689	330 195	2.4	
07/03/73 1200	5000 5000	17370			7.9	1110	85 4.24 38	29 2.38 21	100 4.35 39	5.0 .13 1	0 .00	153 2.51 22	310 6.45 56	92 2.59 22	1.2 .02	.14	.4 9.1	707	330 206	2.4	
08/01/73 1100	5000 5000	17540			66.2F 19.0C	7.5	85 4.24 36	30 2.47 21	110 4.79 41	4.5 .12 1	0 .00	153 2.51 23	290 6.04 54	91 2.57 23	1.2 .02	.15	.5 9.7	697	340 210	2.6	
09/04/73 1130	5000 5000	12920			68.0F 20.0C	8.1	81 4.04 35	30 2.47 22	110 4.79 42	5.3 .14 1	0 .00	152 2.49 22	290 6.04 54	91 2.57 23	.8 .01	.17	.3 9.0	692	330 201	2.7	
W2 1775.10 COLORADO RIVER BELOW PARKER DAM																					
10/01/72 0815	5000 5000	9310			7.5	1140	87 4.34 38	31 2.55 22	100 4.35 38	5.3 .14 1	0 .00	144 2.36 21	310 6.45 56	93 2.62 23	--	.16	.4 8.9	734 706	340 227	2.3	
11/05/72 1200	5000 5000	9300			7.6	1120	79 3.94 36	31 2.55 33	100 4.35 40	4.8 .12 1	0 .00	159 2.61 23	300 6.25 54	94 2.65 23	1.0 .02	.14	.4 8.9	697	320 194	2.4	
12/03/72 1100	5000 5000	4410			7.4	1150	88 4.39 37	31 2.55 22	110 4.79 40	5.0 .13 1	0 .00	157 2.57 22	310 6.45 55	96 2.71 23	1.0 .02	.16	.4 8.9	727	350 219	2.6	
01/07/73 1115	5000 5000	8830			8.0	1150	86 4.29 36	32 2.63 22	110 4.79 40	5.1 .13 1	0 .00	157 2.57 21	320 6.66 55	98 2.76 23	1.5 .02	.15	.4 8.7	739	350 218	2.6	

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR		
W2 1775.10 COLORADO RIVER BELOW PARKER DAM CONTINUED																					
02/04/73 0945	5000 5000	9310			8.3 1150	82 4.09 34	32 2.63 22	120 5.22 43	4.7 .12 1	0 .00	163 2.67 22	320 6.66 55	97 2.74 23	1.3 .02	.17 8.5	.3 8.5		340 746 203		2.8	
04/01/73 0845	5000 5000	16160			8.1 1060	82 4.09 38	28 2.30 21	100 4.35 40	5.2 .13 1	0 .00	158 2.59 23	290 6.04 54	87 2.45 22	1.8 .03	.17 10.0	.4 8.7		320 682 190		2.4	
05/06/73 1130	5000 5000	18200			7.6 1140	88 4.39 38	29 2.38 20	110 4.79 41	4.7 .12 1	0 .00	162 2.66 22	310 5.45 54	96 2.71 23	1.5 .02	.15 8.7	.5 8.7		340 728 206		2.6	
06/03/73 0900	5000 5000	9000			7.9 1110	88 4.39 37	31 2.55 22	110 4.79 40	4.8 .12 1	0 .00	168 2.75 23	310 5.45 55	91 2.57 22	1.5 .02	.15 8.3	.5 8.3		350 727 210		2.6	
08/05/73 0910	5000 5000	15900			7.6 1140	92 4.59 38	30 2.47 21	110 4.79 40	5.0 .13 1	0 .00	177 2.90 24	320 5.66 54	93 2.62 21	4.4 .07 1	.05 9.9	.3 9.9		350 751 204		2.5	
W2 1960.00 COLORADO RIVER AT COLORADO AQUEDUCT INTAKE																					
10/08/72 4412	4412			75.0F 23.9C	8.3 1110	81 4.04 35	31 2.59 22	110 4.79 41	5.0 .13 1	1.0 .03	139 2.28 20	309 6.43 56	96 2.71 24	.1 .00	-- 6.8	.4 6.8		332 709 216	1A< 2.6		
11/08/72 4412	4412			65.0F 18.3C	8.3 1120	83 4.14 36	31 2.59 23	107 4.65 40	5.0 .13 1	0 .00	150 2.46 21	306 6.37 55	95 2.68 23	.4 .01	-- 9.2	.4 9.2		337 711 214	1A< 2.5		
12/05/72 4412	4412			58.0F 14.4C	8.1 1140	84 4.19 36	32 2.67 23	106 4.61 40	5.0 .13 1	0 .00	153 2.51 21	312 6.50 55	96 2.71 23	.7 .01	-- 8.9	.4 8.9		344 720 218	1A< 2.5		
01/08/73 4412	4412			48.0F 8.9C	8.5 1130	83 4.14 35	32 2.63 22	111 4.83 41	4.0 .10 1	4.0 .13 1	142 2.33 20	316 6.58 56	96 2.71 23	.7 .01	-- 7.8	.4 7.8		339 724 216	1A< 2.6		
02/07/73 1130	4412 4412			51.0F 10.5C	8.2 1150	86 4.29 36	31 2.55 22	111 4.83 41	4.0 .10 1	0 .00	153 2.51 21	312 6.50 56	95 2.68 23	1.1 .02	-- 8.5	.3 8.5		342 724 217	1A< 2.6		
04/08/73 4412	4412			61.0F 16.1C	8.3 1130	86 4.29 37	31 2.59 22	106 4.61 40	5.0 .13 1	1.0 .03	155 2.54 22	306 6.37 55	93 2.62 23	.7 .01	-- 7.8	.4 7.8		344 713 216	1A< 2.5		
05/08/73 4412	4412			70.0F 21.1C	8.3 1120	86 4.29 37	31 2.55 22	107 4.65 40	5.0 .13 1	0 .00	156 2.56 22	308 5.41 56	90 2.54 22	.7 .01	-- 7.8	.4 7.8		342 712 214	1A< 2.5		
06/06/73 4412	4412			75.0F 23.9C	8.5 1140	86 4.29 37	31 2.55 22	107 4.65 40	4.0 .10 1	2.0 .07 1	156 2.56 22	305 5.35 55	91 2.57 22	1.2 .02	-- 7.6	.4 7.6		342 712 211	1A< 2.5		
07/08/73 4412	4412			80.0F 26.6C	8.6 1100	79 3.94 35	31 2.55 23	107 4.65 41	5.0 .13 1	4.0 .13 1	127 2.08 19	307 6.39 57	92 2.59 23	.5 .01	-- 6.8	.4 6.8		325 695 214	1A< 2.6		
08/08/73 4412	4412			81.0F 27.2C	8.5 1090	78 3.89 35	30 2.47 22	106 4.61 42	4.0 .10 1	2.0 .07 1	126 2.07 19	303 6.31 57	94 2.65 24	.3 .00	-- 8.9	.4 8.9		318 688 211	1A< 2.6		
08/21/73 4412	4412			81.0F 27.2C	8.0 1100	77 3.84 35	31 2.55 23	105 4.57 41	4.0 .10 1	0 .00	124 2.03 18	299 6.23 56	99 2.79 25	.1 .00	-- 10.5	.4 10.5		320 687 214	1A< 2.6		
09/09/73 4412	4412				8.3 1090	75 3.74 34	32 2.63 24	105 4.57 41	4.0 .10 1	0 .00	129 2.11 19	310 6.45 58	92 2.59 23	.1 .00	-- 8.0	.4 8.0		319 690 213	1A< 2.6		
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER																					
10/02/72 1155	5000 5000				7.7 1140	84 4.19 38	31 2.55 23	98 4.26 38	5.2 .13 1	0 .00	149 2.44 21	310 6.45 56	95 2.68 23	--	.17 9.3	.5 9.3		736 706 215	340 215	2.1	
11/06/72 1240	5000 5000				7.5 1130	82 4.09 37	30 2.47 22	100 4.35 39	4.9 .13 1	0 .00	152 2.49 22	290 6.04 54	93 2.62 23	.9 .01	.14 8.8	.5 8.8		330 684 204		2.4	
12/04/72 1240	5000 5000				7.5 1150	82 4.09 34	32 2.63 22	120 5.22 43	5.0 .13 1	0 .00	159 2.61 22	320 6.66 55	97 2.74 23	.9 .01	.16 8.9	.5 8.9		340 744 206		2.8	
02/12/73 1350	5000 5000				8.1 1160	85 4.24 36	32 2.63 22	110 4.79 41	5.2 .13 1	0 .00	164 2.69 22	330 6.87 56	96 2.71 22	1.2 .02	.15 8.6	.5 8.6		340 749 209		2.6	
03/05/73 1110	5000 5000				8.0 1120	86 4.29 37	30 2.47 21	110 4.79 41	5.1 .13 1	0 .00	166 2.72 23	310 6.45 54	95 2.68 23	1.6 .03	.15 9.4	.3 9.4		340 729 202		2.6	
04/02/73 1000	5000 5000				8.2 1080	84 4.19 38	29 2.38 22	100 4.35 39	5.3 .14 1	0 .00	158 2.59 23	308 6.25 55	90 2.54 22	1.9 .03	.18 9.9	.4 9.9		330 698 199		2.4	
04/30/73 1305	5000 5000	1230			8.1 1140	87 4.34 37	31 2.55 22	110 4.79 41	4.9 .13 1	0 .00	162 2.66 22	310 6.45 55	96 2.71 23	.4 .01	.15 8.1	.4 8.1		350 727 212		2.6	
06/04/73 0915	5000 5000				7.9 1120	88 4.39 37	31 2.55 22	110 4.79 40	4.9 .13 1	0 .00	165 2.70 23	310 6.45 55	91 2.57 22	1.2 .02	.15 8.5	.5 8.5		350 726 212		2.6	
07/02/73 0920	5000 5000				7.9 1120	88 4.39 37	31 2.55 22	110 4.79 40	5.0 .13 1	0 .00	157 2.57 22	320 6.66 56	94 2.65 22	1.2 .02	.14 8.4	.5 8.4		350 735 219		2.6	



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. & DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					TDS SUM	TH NCH	TURB SAR	REM
						PERCENT REACTANCE VALUE																							
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	SI02												
.....																													
W2		1975.00		COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER										CONTINUED															
07/30/73	5000			75.2F		82	31	110	5.0	0	153	320	97	.8	.18	.4			330										
0920	5000	1250		24.0C	7.6	1110	4.09	2.55	4.79	.13	.00	2.51	6.66	2.74	.01		9.3	731	207	2.6									
						35	22	41	1		21	56	23																
09/04/73	5000			76.1F		80	31	110	5.8	0	149	310	93	.4	.17	.3			330										
1010	5000			24.5C	7.9	1100	3.99	2.55	4.79	.15	.00	2.44	6.45	2.62	.01		9.3	713	205	2.6									
						35	22	42	1		21	56	23																
W2		1985.05		COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE																									
10/00/72	4412			71.0F		83	32	114	5.0	0	148	319	98	.5	--	.4			339	2A<									
	4412			21.6C	8.2	1130	4.14	2.63	4.96	.13	.00	2.43	6.64	2.76	.01		7.7	732	217	2.7									
						35	22	42	1		21	56	23																
11/00/72	4412			64.0F		83	32	110	4.0	0	150	313	98	.7	--	.4			770	341	2A<								
	4412			17.8C	8.2	1160	4.14	2.67	4.79	.10	.00	2.46	6.52	2.76	.01		8.6	724	218	2.6									
						35	23	41	1		21	55	23																
12/00/72	4412			57.0F		85	31	111	4.0	1.0	150	312	96	.8	--	.4			762	342	2A<								
	4412			13.9C	8.3	1150	4.24	2.59	4.83	.10	.03	2.46	6.50	2.71	.01		9.0	724	217	2.6									
						36	22	41	1		21	56	23																
01/00/73	4412			54.0F		86	31	113	5.0	1.0	150	315	96	.7	--	.4			754	342									
	4412			12.2C	8.3	1150	4.29	2.55	4.92	.13	.03	2.46	6.56	2.71	.01		8.8	730	218	2.7									
						36	21	41	1		21	56	23																
02/00/73	4412			52.0F		85	32	112	5.0	1.0	149	315	99	.8	--	.4			774	344	1A								
	4412			11.1C	8.3	1150	4.24	2.63	4.87	.13	.03	2.44	6.56	2.79	.01		8.3	731	220	2.6									
						36	22	41	1		21	55	24																
03/00/73	4412			54.0F		85	31	112	5.0	1.0	150	316	97	.6	--	.4			763	342	1A<								
	4412			12.2C	8.3	1150	4.24	2.59	4.87	.13	.03	2.46	6.58	2.74	.01		8.0	730	217	2.6									
						36	22	41	1		21	56	23																
04/00/73	4412			56.0F		84	32	110	4.0	1.0	149	317	96	.9	--	.4			756	343	1A<								
	4412			13.3C	8.3	1140	4.19	2.67	4.79	.10	.03	2.44	6.60	2.71	.01		8.4	727	220	2.6									
						36	23	41	1		21	56	23																
05/00/73	4412			60.0F		86	31	107	5.0	1.0	151	311	94	1.0	--	.4			772	342	1A<								
	4412			15.5C	8.3	1150	4.29	2.55	4.65	.13	.03	2.47	6.48	2.65	.02		8.1	718	217	2.5									
						37	22	40	1		21	56	23																
06/00/73	4412			67.0F		85	31	110	5.0	0	151	309	97	.7	.08	.5			753	340	1A<								
	4412			19.4C	8.2	1140	4.24	2.55	4.79	.13	.00	2.47	6.43	2.74	.01		7.4	719	216	2.6									
						36	22	41	1		21	55	24																
07/00/73	4412			74.0F		82	31	109	5.0	0	143	313	96	.4	--	.5			750	332	2A<								
	4412			23.3C	8.1	1140	4.09	2.55	4.74	.13	.00	2.34	6.52	2.71	.01		7.8	715	215	2.6									
						36	22	41	1		20	56	23																
08/00/73	4412			77.0F		78	32	111	5.0	0	137	316	97	.1	--	.4			748	326	2A<								
	4412			25.0C	8.0	1110	3.89	2.63	4.83	.13	.00	2.25	6.58	2.74	.00		8.2	715	214	2.7									
						34	23	42	1		19	57	24																
09/00/73	4412			75.0F		82	31	106	4.0	0	142	307	95	.6	--	.4			739	332	2A<								
	4412			23.9C	8.1	1120	4.09	2.55	4.61	.10	.00	2.33	6.39	2.68	.01		8.4	704	216	2.5									
						36	22	41	1		20	56	23																
W3		1070.00		WHITEWATER RIVER NEAR MECCA																									
12/26/72	5050	2.10	9.7	62.0F	8.1	2850	--	--	--	--	--	--	737	340	--	--	--		541	63A									
1015	5050	110	99	16.7C									15.34	9.59	--	--	--												
03/26/73	5050	2.32	9.0	61.0F	8.1	2640	--	--	--	--	--	--	715	330	--	--	--	1920	547										
1020	5050	135	91	16.1C									14.89	9.31	--	--	--												
06/25/73	5050	2.74	7.9	78.0F	8.1	2300	--	--	--	--	--	--	632	268	--	--	--	1664	500	100A									
0915	5050	130	96	25.5C									13.16	7.56	--	--	--												
09/24/73	5050	2.27	8.6	74.0F	8.1	2700	--	--	--	--	--	--	743	605	--	--	--	1925	574	56A									
0945	5050	154	100	23.3C									15.47	17.06	--	--	--												
W3		1450.00		WHITEWATER RIVER NEAR WHITEWATER																									
12/26/72	5050	1.28	9.9	54.0F	8.1	380	50	14	15	4.4	0	207	41	5.0	3.8	.00	.7	221	183	2A									
0830	5050	3.8	92	12.2C	7.9	408	2.50	1.15	.65	.11	.00	3.39	.85	.14	.06	--	--	235	13	0.5									
						57	26	15	2			76	19	1															
03/26/73	5050	1.36	10.4	48.0F	8.1	300	44	14	12	3.6	0	185	33	4.0	2.5	.00	.6	189	168	60A									
0800	5050	18	89	8.9C	7.9	369	2.20	1.15	.52	.09	.00	3.03	.69	.11	.04	--	--	204	16	0.4									
						56	29	13	2			78	18	1															
06/25/73	5050	1.49	8.7	65.0F	8.1	360	48	13	13	4.1	0	195	38	4.0	3.0	.00	.6	235	174	2A									
0730	5050	15	92	18.3C	8.1	402	2.40	1.07	.57	.10	.00	3.20	.79	.11	.05	--	--	219	14	0.4									
						58	26	14	2			77	19	3	1														
09/24/73	5050	1.44	9.2	62.0F	8.0	400	51	13	15	4.5	0	200	41	5.0	2.5	.00	1.1	200	181	2A									
0745	5050	10	94	16.7C	8.0	511	2.54	1.07	.65	.12	.00	3.28	.85	.14	.04	--	--	230	17	0.5									
						58	24	15	3			76	20	3	1														
W5		1600.70		SALTON SEA AT SALTON SEA STATE PARK																									
12/26/72	5050	31.98	9.7	58.0F	8.5	47000	--	--	--	--	--	--	8671	15950	--	--	--	39400	7176	4A									
1115	5050																												



### MINERAL ANALYSES OF SURFACE WATER

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MINERAL ANALYSES OF SURFACE WATER

SEE PAGE 284 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM	TH NCH	TURB SAR		
W7		1600.00	COLORADO RIVER AT IMPERIAL DAM										CONTINUED								
09/24/73	5000					86	34	135	6.0	0	164	340	118	--	--	.6	812	355			
	5000	8720			8.1 1270	4.29 33	2.80 21	5.87 45	.15 1	.00	2.69 21	7.08 54	3.33 25			7.0	807	220			3.1
09/25/73 0700	5050		7.8	75.0F	8.1 1300	84	35	140	4.9	0	162	339	124	1.2	.17	.7	827	354			5A
	5050	8970	92	23.9C	8.1 1286	4.19 32	2.88 22	6.09 46	.13 1	.00	2.66 20	7.06 53	3.50 26	.02	--	--	808	221			3.2
W7		1800.00	COLORADO R. NLY OF THE INTERNL BDY NEAR ANDRADE																		
10/02/72	5000					111	37	206	--	--	220	400	200	--	--	--	1120	430			
	5000	745			8.1 1720	5.54 32	3.04 17	8.96 51			3.61	8.33	5.64			13.0					4.3
10/10/72	5000					103	36	171	--	--	188	375	165	--	--	--	980	405			
	5000	1350			8.0 1530	5.14 33	2.96 19	7.44 48			3.08	7.81	4.65			11.0					3.7
10/16/72	5000					126	43	239	--	--	252	430	252	--	--	--	1280	490			
	5000	702			8.1 1970	6.29 31	3.54 17	10.40 51			4.13	8.95	7.11			16.0					4.7
10/24/72	5000					125	43	217	--	--	244	420	230	--	--	--	1230	490			
	5000	605			8.0 1860	6.24 32	3.54 18	9.44 49			4.00	8.74	6.49			14.0					4.3
10/30/72	5000					118	43	252	--	--	248	430	260	--	--	--	1260	470			
	5000	693			8.1 1980	5.89 29	3.54 17	10.96 54			4.06	8.95	7.33			16.0					5.1
11/06/72	5000					114	40	230	--	--	234	405	240	--	--	--	1210	450			
	5000	643			8.0 1840	5.69 30	3.29 17	10.01 53			3.84	8.43	6.77			16.0					4.7
11/13/72	5000					113	38	220	--	--	226	400	230	--	--	--	1150	440			
	5000	719			8.0 1800	5.64 31	3.13 17	9.57 52			3.70	8.33	6.49			15.0					4.6
11/20/72	5000					115	41	210	--	--	226	410	220	--	--	--	1130	455			
	5000	719			8.1 1780	5.74 31	3.37 18	9.14 50			3.70	8.54	6.20			13.0					4.3
11/27/72	5000					122	41	240	--	--	246	430	250	--	--	--	1250	475			
	5000	746			8.0 1940	6.09 31	3.37 17	10.44 52			4.03	8.95	7.05			14.0					4.8
12/04/72	5000					118	40	225	--	--	238	415	235	--	--	--	1190	460			
	5000	659			8.0 1860	5.89 31	3.29 17	9.79 52			3.90	8.64	6.63			15.0					4.6
12/11/72	5000					105	36	185	--	--	200	380	182	--	--	--	1010	410			
	5000	1640			8.1 1590	5.24 32	2.96 18	8.05 50			3.28	7.91	5.13			11.0					4.0
12/18/72	5000					106	37	190	--	--	204	390	185	--	--	--	1030	415			
	5000	1600			8.1 1620	5.29 32	3.04 18	8.27 50			3.34	8.12	5.22			11.0					4.0
12/26/72	5000					112	41	220	--	--	220	410	230	--	--	--	1170	450			
	5000	1590			8.1 1830	5.59 30	3.37 18	9.57 52			3.61	8.54	6.49			12.0					4.5
01/02/73	5000					102	38	180	--	--	200	375	180	--	--	--	1010	410			
	5000	2310			8.1 1570	5.09 32	3.13 20	7.83 49			3.28	7.81	5.08			10.0					3.9
01/08/73	5000					104	39	190	--	--	198	385	195	--	--	--	1060	420			
	5000	2240			8.1 1620	5.19 31	3.21 19	8.27 50			3.25	8.02	5.50			10.0					4.0
01/15/73	5000					106	38	190	--	--	204	390	195	--	--	--	1080	420			
	5000	2210			8.1 1660	5.29 32	3.13 19	8.27 50			3.34	8.12	5.50			10.0					4.0
01/22/73	5000					111	40	210	--	--	224	405	218	--	--	--	1150	440			
	5000	925			8.1 1760	5.54 31	3.29 18	9.14 51			3.67	8.43	6.15			13.0					4.3
01/29/73	5000					111	40	210	7.6	--	220	405	220	--	--	--	1130	440			
	5000	959			8.1 1770	5.54 31	3.29 18	9.14 50	.19 1		3.61	8.43	6.20			12.0					4.3
03/05/73	5000					103	35	180	7.2	0	198	370	180	--	--	--	992	400			
	5000	2520			8.1 1550	5.14 32	2.88 18	7.83 49	.18 1	.00	3.25 20	7.70 48	5.08 32			11.0	984	239			3.9
03/12/73	5000					100	33	165	7.4	0	192	355	162	--	--	--	952	385			
	5000	2690			8.1 1470	4.99 33	2.71 18	7.18 48	.19 1	.00	3.15 21	7.39 49	4.57 30			10.0	927	228			3.7
03/19/73	5000					98	37	170	6.8	0	198	365	165	--	--	--	974	395			
	5000	2940			8.1 1500	4.89 32	3.04 20	7.40 48	.17 1	.00	3.25 21	7.60 48	4.65 30			10.0	949	234			3.7
03/26/73	5000					97	34	160	7.0	0	188	345	158	--	--	--	884	380			
	5000	2990			8.1 1420	4.84 33	2.80 19	6.96 47	.18 1	.00	3.08 21	7.18 49	4.46 30			10.0	903	228			3.6
04/02/73	5000					98	33	165	7.0	0	190	345	162	--	--	--	928	380			
	5000	2890			8.2 1440	4.89 33	2.71 18	7.18 48	.18 1	.00	3.11 21	7.18 48	4.57 31			11.0	914	225			3.7
04/09/73	5000					97	35	165	6.8	0	192	345	165	--	--	--	920	385			
	5000	2910			8.1 1450	4.84 32	2.88 19	7.18 48	.17 1	.00	3.15 21	7.18 48	4.65 31			10.0	918	229			3.7
04/16/73	5000					99	34	165	6.8	0	192	345	165	--	--	--	938	385			
	5000	2820			8.2 1460	4.94 33	2.80 19	7.18 48	.17 1	.00	3.15 21	7.18 48	4.65 31			10.0	919	230			3.6



## MINERAL ANALYSES OF SURFACE WATER

SEE PAGE 284 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM				
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR						
.....																									
W7		1905.00				PALO VERDE CANAL NEAR BLYTHE										CONTINUED									
03/05/73 0850	5000 5000			55.4F 13.0C	7.6 1150	87 4.34 37	30 2.47 21	110 4.79 41	6.4 .16 1	0 .00	170 2.79 23	320 6.66 54	97 2.74 22	2.3 .04	.16 9.9	.4 9.9		746	340 201			2.6			
04/02/73 0840	5000 5000			58.1F 14.5C	8.0 1080	84 4.19 38	28 2.30 21	100 4.35 40	5.0 .13 1	0 .00	163 2.67 24	290 6.04 54	90 2.54 23	2.0 .03	.19 10.0	.3 10.0		689	330 191			2.4			
04/30/73 1100	5000 5000			67.1F 19.5C	8.0 1150	87 4.34 37	31 2.55 22	110 4.79 41	5.1 .13 1	0 .00	163 2.67 23	310 6.45 55	95 2.68 23	.3 .00	.15 8.1	.3 8.1		727	350 211			2.6			
06/04/73 0730	5000 5000			74.3F 23.5C	8.0 1150	89 4.44 37	31 2.55 21	110 4.79 40	4.9 .13 1	0 .00	172 2.82 24	310 6.45 54	96 2.71 23	1.2 .02	.15 8.3	.5 8.3		735	350 209			2.6			
07/02/73 0700	5000 5000			76.1F 24.5C	7.8 1160	89 4.44 37	31 2.55 21	110 4.79 40	5.2 .13 1	0 .00	162 2.66 22	330 6.87 56	99 2.79 23	1.9 .03	.16 8.5	.4 8.5		754	350 217			2.6			
07/30/73 0705	5000 5000			77.9F 25.5C	7.9 1120	82 4.09 35	31 2.55 22	110 4.79 41	5.1 .13 1	0 .00	153 2.51 21	320 6.66 56	99 2.79 23	1.3 .02	.16 9.3	.4 9.3		733	330 207			2.6			
09/04/73 0745	5000 5000			75.2F 24.0C	7.9 1120	81 4.04 35	31 2.55 22	110 4.79 42	5.9 .15 1	0 .00	149 2.44 21	320 6.66 56	95 2.68 23	.4 .01	13 9.4	.3 9.4		726	330 208			2.6			
W7		1929.00				ALL AMERICAN CANAL ABOVE PILOT KNOB WASTEWAY																			
12/27/72 1230	5050 5050	17.15 3589	10.5 98	54.0F 12.2C	8.1 1600	--	--	--	--	--	--	390 8.12	171 4.82	--	--	--	--	1035	419			4A			
03/27/73 0950	5050 5050	17.35 8047	9.3 93	60.0F 15.5C	8.0 1075	--	--	--	--	--	--	789 6.02	102 2.88	--	--	--	--	741	328						
06/26/73 1000	5050 5050	17.34 6032	6.8 87	84.0F 28.9C	8.0 1225	--	--	--	--	--	--	336 7.00	114 3.21	--	--	--	--	837	362			8A			
09/25/73 0800	5050 5050	17.30 5791	7.8 92	75.0F 23.9C	8.1 1275	--	--	--	--	--	--	335 6.97	63 1.78	--	--	--	--	820	353			7A			
W9		1100.00				NEW RIVER NEAR WESTNORLAND																			
12/26/72 1345	5050 5050	73.20 444	8.8 85	57.0F 13.9C	7.7 7200	--	--	--	--	--	--	876 18.24	1420 40.04	--	--	--	--	3914	1127			54A			
03/26/73 1345	5050 5050	4.80 718	7.6 79	63.0F 17.2C	7.7 4600	--	--	--	--	--	--	755 15.72	1150 32.43	--	--	--	--	3274	938						
06/25/73 1200	5050 5050	4.43 603	4.2 54	84.0F 28.9C	7.7 5200	--	--	--	--	--	--	774 16.11	1110 31.30	--	--	--	--	3232	929			12AA			
09/24/73 1230	5050 5050	4.93 666	6.9 81	75.0F 23.9C	7.7 4750	--	--	--	--	--	--	791 16.47	1030 29.05	--	--	--	--	3135	457			132A			
W9		1800.00				NEW RIVER AT THE INTERNATIONAL BOUNDARY																			
12/27/72 1030	5050 5050	8.56 172		53.0F 11.7C		--	--	--	--	--	--	712 14.82	1480 41.74	--	--	--	--	3804	1058			24A			
03/27/73 1545	5050 5050	8.66 193		64.0F 17.8C		--	--	--	--	--	--	817 17.01	1790 50.48	--	--	--	--	4482	1134						
06/26/73 0800	5050 5050	8.00 141		85.0F 29.4C		--	--	--	--	--	--	867 18.05	2160 60.91	--	--	--	--	5138	1209			20A			
W9		2025.00				ALAMO RIVER NORTH OF THE INTERNATIONAL BOUNDARY																			
12/27/72 1130	5050 5050		9.1 92	61.0F 16.1C	7.8 3700	--	--	--	--	--	--	784 16.32	680 19.18	--	--	--	--	2516	825			9A			
03/27/73 1500	5050 5050		8.3 85	62.0F 16.7C	7.8 3000	--	--	--	--	--	--	477 14.10	510 14.38	--	--	--	--	2098	684						
06/26/73 0900	5050 5050		4.5 55	79.0F 26.1C	7.4 2700	--	--	--	--	--	--	541 11.26	465 13.11	--	--	--	--	1819	611			14A			
W9		2100.00				ALAMO RIVER NEAR CALIPATRIA																			
12/26/72 1245	5050 5050	9.80 606	9.4		7.8 4400	--	--	--	--	--	--	1000 20.82	870 24.53	--	--	--	--	3216	1099			200A			
03/26/73 1245	5050 5050	1.06 1140	8.3 86	63.0F 17.2C	7.7 3160	--	--	--	--	--	--	743 15.47	540 15.23	--	--	--	--	2223	784						
06/25/73 1130	5050 5050	0.68 805	5.8 74	84.0F 28.9C	7.7 3400	--	--	--	--	--	--	794 16.53	595 16.78	--	--	--	--	2395	844			150A			
09/24/73 1145	5050 5050	0.90 1111	7.5 87	74.0F 23.3C	7.7 3600	--	--	--	--	--	--	837 17.43	575 16.22	--	--	--	--	2415	847			156A			

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REMARKS			
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR						
W9 2205.10 ROSE DRAIN AT THE ALAMO RIVER																									
12/27/72 0830	5050 5050	0.80 37	9.0 77	48.0F 8.9C	8.3 7.6	6900 5804	261 13.02	165 13.57	840 36.54	54 1.38	0 .00	347 5.69	914 19.03	1360 38.35	48.9 .79	.64 --	.8 --	3942 3814	1329 1046	38A 10.0					
03/26/73 1345	5050 5050	1.56 103	7.6 78	62.0F 16.7C	7.8 7.7	3200 3229	181 9.03	93 7.65	416 18.10	12 .31	0 .00	207 3.39	650 13.53	615 17.34	26.4 .43	.80 --	.7 --	2171 2096	834 665	130A 6.3					
06/26/73 0600	5050 5050	1.04 56	3.7 44	77.0F 25.0C	7.7 8.0	4300 4521	235 11.73	131 10.77	585 25.45	13 .35	0 .00	226 3.70	832 17.32	940 26.51	18.5 .30	.64 --	.7 --	3077 2867	1125 941	214A 7.6					
09/25/73 1100	5050 5050	1.58 105	7.2 81	71.0F 21.6C	7.7 7.9	3550 3716	192 9.58	108 8.88	463 20.14	10 .27	0 .00	218 3.57	788 16.41	655 18.47	21.6 .35	.48 --	1.2 --	2453 2346	923 745	140A 6.6					
W9 2250.10 CENTRAL DRAIN AT THE ALAMO RIVER																									
12/27/72 0930	5050 5050	0.84 45	8.9 83	54.0F 12.2C	7.7 7.2	6600 5519	314 15.67	158 12.99	808 35.15	12 .31	0 .00	245 4.02	1217 25.34	1160 32.71	83.1 1.34	.92 --	1.1 --	4000 3873	1433 1233	31A 9.3					
03/26/73 1630	5050 5050	1.68 154	6.7 66	59.0F 15.0C	7.7 7.5	2650 2734	155 7.73	74 6.09	332 14.44	11 .30	0 .00	173 2.84	647 13.47	395 11.14	52.0 .84	.66 --	.7 --	1796 1753	691 549	62A 5.5					
06/26/73 0700	5050 5050	1.11 69	6.5 80	80.0F 26.6C	7.7 7.4	3100 3160	180 8.98	80 6.58	384 16.70	12 .31	0 .00	211 3.46	686 14.28	495 13.96	37.5 .60	.42 --	.6 --	2081 1979	778 605	136A 6.0					
09/25/73 1200	5050 5050	1.58 136	7.0 80	72.0F 22.2C	7.7 7.2	3250 3344	190 9.48	88 7.24	424 18.44	9.2 .24	0 .00	197 3.23	801 16.68	515 14.52	50.4 .81	.46 --	1.2 --	2242 2175	836 675	98A 6.4					
X2 1155.50 FALLBROOK CREEK AT NAVAL WEAPONS STA. RDY.																									
11/01/72 5877	5007 5877						86 4.29	38 3.13	172 7.48	3.7 .09	--	127 2.08	347 7.22	160 4.51	71.0 1.15	.30 21.0	.5 --	1020	372						
01/03/73 5877	5007 5877						7.4 6.9	120 5.99	49 4.03	185 8.05	9.4 .24	--	303 4.97	350 7.29	180 5.08	31.0 .50	.80 22.0	.9 --	1225	500					
02/01/73 5877	5007 5877						6.6 5.84	1760 4.19	51 7.00	161 9.0	.23 .31	--	293 4.80	325 6.77	192 5.41	43.4 .70	.50 27.0	.8 --	1230	500					
03/01/73 5877	5007 5877						7.3 7.4	1750 5.49	48 3.95	196 8.53	10 .27	--	293 4.80	390 8.12	184 5.19	6.6 .11	.7 26.0	.40 --	.7 --	1190	472				
03/29/73 5877	5007 5877						7.3 7.3	1740 5.99	47 3.87	171 7.44	8.0 .20	--	305 5.00	360 7.50	178 5.02	2.7 .04	.8 30.0	.40 --	.8 --	1218	492				
04/26/73 5877	5007 5877						7.3 7.3	1720 5.84	44 3.62	175 7.61	9.6 .25	--	195 3.20	400 8.33	182 5.13	16.0 .26	.9 21.0	.6 --	.9 --	1205	472				
06/01/73 5877	5007 5877						7.4 9.2	1645 5.09	44 3.62	195 8.48	9.0 .23	--	205 3.36	350 7.29	200 5.64	7.9 .13	.6 14.0	.70 --	.6 --	1150	424				
06/27/73 5877	5007 5877						7.2 8.2	1660 5.84	33 2.71	180 7.83	9.6 .25	--	190 3.11	375 7.81	196 5.53	.3 .00	1.4 23.0	.60 --	1.4 --	1162	428				
08/02/73 5877	5007 5877						7.3 7.1	1660 5.19	32 2.63	184 8.00	11 .30	--	210 3.44	370 7.70	188 5.30	9.0 .15	1.5 25.0	.40 --	1.5 --	1162	392				
X2 1235.50 DELUZ C BL UNNAMED TRIB ADJ TO DELUZ-MURRIETA RD																									
11/01/72 5877	5007 5877						8.3 562	51 2.54	13 1.07	54 2.35	1.0 .03	--	195 3.20	28 .58	76 2.14	4.0 .06	.3 35.0	.10 --	.3 --	393	180				
01/03/73 5877	5007 5877						8.2 8.2	740 3.49	10 .82	76 3.31	1.5 .04	--	224 3.67	88 1.83	80 2.26	.9 .01	.4 34.0	.10 --	.4 --	520	216				
02/01/73 5877	5007 5877						7.6 770	67 3.34	7.8 .64	100 3.48	1.7 .04	--	205 3.36	90 1.87	84 2.37	2.2 .04	.5 36.0	.00 --	.5 --	540	200				
03/01/73 5877	5007 5877						7.2 7.7	380 1.55	31 .82	40 1.74	1.6 .04	--	122 2.00	46 .96	44 1.24	2.6 .04	.3 33.0	.00 --	.3 --	266	120				
03/29/73 5877	5007 5877						7.2 8.0	350 1.30	26 .64	7.8 1.44	1.5 .04	--	102 1.67	33 .69	36 1.02	2.7 .04	.2 34.0	.20 --	.2 --	245	100				
04/26/73 5877	5007 5877						7.2 8.6	450 1.75	35 1.15	14 1.65	1.6 .04	--	120 1.97	27 .56	52 1.47	1.1 .02	.3 33.0	.10 --	.3 --	315	144				
05/31/73 5877	5007 5877						8.0 9.3	572 2.25	45 1.15	14 1.74	1.7 .04	--	102 1.67	52 1.08	28 .79	.2 .00	.3 27.0	.20 --	.3 --	400	168				
06/27/73 5877	5007 5877						7.5 8.7	584 2.15	43 1.23	15 2.09	1.5 .04	--	141 2.31	35 .73	68 1.92	.0 .00	.4 28.0	.10 --	.4 --	384	168				
08/02/73 5877	5007 5877						7.3 8.1	575 2.30	44 1.23	15 1.83	1.5 .04	--	181 2.97	40 .83	68 1.92	.0 .00	.5 33.0	.00 --	.5 --	403	176				



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					TDS SUM	TH NCH	TURB SAR	REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	SI02							
X2 1350.00 SANTA MARGARITA RIVER NEAR FALLBROOK																								
12/28/72	5050		10.7	48.0F	7.9 1450	119	43	146	3.5	0	345	220	194	.0	.21	.4				922	474	3A		
1315	5050		92	8.9C	8.0 1415	5.94	3.54	6.35	.09	.00	5.65	4.58	5.47	.00		--				895	192	2.9		
						37	22		1		36	29	35											
04/11/73	5050		11.4	59.0F	8.1 1180	95	40	120	3.5	0	302	188	158	1.4	.13	.4				785	402	3A		
0945	5050		113	15.0C	1279	4.74	3.29	5.22	.09	.00	4.95	3.91	4.46	.02		--				755	154	2.6		
						36	25	39	1		37	29	33											
06/27/73	5050		8.9	78.0F	7.8 1450	117	46	147	3.5	0	389	180	205	.4	.15	.4				961	481	3A		
1200	5050		108	25.5C	8.3	5.84	3.78	6.39	.09	.00	6.38	3.75	5.78	.01		--				898	162	2.9		
						36	23	40	1		40	24	36											
09/26/73	5050		9.2	69.0F	8.0 1375	112	44	146	3.5	0	401	163	201	.2	.17	.7				892	461	2A		
1230	5050		102	20.5C	8.1 1454	5.59	3.62	6.35	.09	.00	6.57	3.39	5.67	.00		--				867	132	3.0		
						36	23	41	1		42	22	36											
X4 1200.00 SAN DIEGUITO RIVER AT LAKE HODGES																								
10/03/72	5229					214	102	313	14	0	235	766	422	.6	.20	.2				2066*	958	8A	E	
	5229				8.2 2570	10.68	8.39	13.62	.36	.00	3.85	15.95	11.90	.01		4.0				1951	762	4.4	C	
						32	25	41	1		12	50	38											
11/07/72	5229					236	98	242	17	0	232	472	456	.0	.51	.2				2091*	948	19A	E	
	5229				8.2 2660	11.78	8.06	10.53	.44	.00	3.80	13.99	12.86	.00		4.8				1841	803	3.3		
						38	26	34	1		12	46	42											
12/05/72	5229					155	70	180	14	0	176	486	305	.9	.17	.1				1537*	680	1A<	E	
	5229				8.0 1950	7.73	5.76	7.83	.37	.00	2.88	10.12	8.60	.01		13.3				1311	531	3.0		
						36	27	36	2		13	47	40											
01/05/73	5229					141	57	165	11	0	177	456	264	.7	.24	.2				1290*	588	7A	E	
	5229				8.0 1780	7.04	4.69	7.18	.29	.00	2.90	9.49	7.44	.01		17.0				1199	442	3.0		
						37	24	37	2		15	48	38											
02/06/73	5229					130	56	170	10	0	203	352	260	7.0	.17	.4				1247*	558	8A	F	
	5229				8.2 1660	6.49	4.61	7.40	.27	.00	3.33	7.33	7.33	.11		18.0				1104	389	3.1		
						35	25	39	1		18	40	40	1										
03/06/73	5229					116	55	164	9.3	0	212	715	246	3.8	.22	.2				1208*	520	4A	E	
	5229				8.1 1580	5.79	4.52	7.13	.24	.00	3.47	6.56	6.94	.06		16.6				1030	342	3.1		
						73	26	40	1		20	39	41											
04/03/73	5229					106	53	149	5.3	0	221	295	237	3.5	--	.1				1027*	484	3A		
	5229				7.8 1490	5.29	4.36	6.48	.14	.00	3.62	6.14	6.68	.06		15.0				972	302	3.0		
						33	27	40	1		22	37	40											
05/08/73	5229					109	55	150	9.3	0	250	265	255	2.2	.13	.1				1121*	500	7A	E	
	5229				8.1 1550	5.44	4.52	6.53	.24	.00	4.10	5.52	7.19	.04		17.2				986	293	2.9		
						33	27	39	1		24	33	43											
06/05/73	5229					114	59	160	11	0	268	270	258	1.6	--	.2				1210*	530	5A	E	
	5229				8.1 1620	5.69	4.85	6.96	.29	.00	4.39	5.62	7.28	.03		18.9				1025	308	3.0		
						32	27	39	2		25	32	42											
07/13/73	5229					126	60	172	14	0	303	335	274	1.3	.11	.3				1336*	566	7A	F	
	5229				8.0 1700	6.29	4.93	7.48	.38	.00	4.97	6.97	7.73	.02		22.4				1154	313	3.2		
						33	26	39	2		25	35	39											
08/07/73	5229					132	64	190	14	0	321	304	293	1.3	.09	.4				1326*	596	7A	F	
	5229				8.2 1720	6.59	5.26	8.27	.37	.00	5.26	6.33	8.26	.02		20.0				1177	330	3.4		
						32	26	40	2		26	32	42											
09/11/73	5229					142	65	180	8.9	0	348	322	305	2.1	.08	.4				1360*	626	5A	E	
	5229				8.3 1790	7.09	5.35	7.83	.23	.00	5.70	6.70	8.60	.03		24.5				1221	337	3.1		
						35	26	38	1		27	32	41											
X4 2500.00 SANTA YSABEL CREEK AT SUTHERLAND DAM																								
11/07/72	5229					32	18	49	23	6.0	157	40	67	.8	.06	.2				326*	156	3A<		
	5229				8.5 535	1.60	1.48	2.13	.59	.20	2.57	.83	1.89	.01		4.6				318	16	1.7	S	
						28	26	37	10	4	47	15	34											
05/15/73	5229					29	12	30	11	4.0	41	32	50	1.3	.10	.3				281*	124	4A	E	
	5229				9.6 397	1.45	.99	1.32	.28	1.36	.67	.67	1.41	.02		18.0				245	21	1.2		
						36	25	33	7	33	16	16	34											
X4 3400.05 ESCONDIDO CREEK NEAR HARMONY GROVE																								
12/28/72	5050		10.2	56.0F	7.4 2090	--	--	--	--	--	--	276	356	--	--	--				1234	433	12A		
1120	5050		7E	13.3C								5.75	10.04			--								
04/11/73	5050		9.4	66.0F	7.4 2000	--	--	--	--	--	--	285	365	--	--	--				1261	267	4A		
1130	5050		5E	18.9C								5.93	10.29			--								
06/27/73	5050		9.0	76.0F	7.4 2000	--	--	--	--	--	--	267	385	--	--	--				1286	436	8A		
1020	5050		12E	24.4C								5.56	10.86			--								
09/26/73	5050		9.8	70.0F	7.4 1950	--	--	--	--	--	--	257	345	--	--	--				1207	411	8A		
1015	5050		10E	21.1C								5.35	9.73			--								
X5 1160.00 ALVARADO CANYON AT MURRAY DAM																								
10/31/72	5229					77	36	118	8.2	0	140	285	130	.0	.19	.2				809*	342	2A<	E	
	5229				8.3 1145	3.84	2.96	5.13	.21	.00	2.29	5.93	3.67	.00		6.1				729	226	2.8		
						32	24	42	2		19	50	31											
05/01/73	5229					78	32	115	4.2	0	142	305	110	.4	.16	.2				757*	330	2A<		
	5229				8.3 1118	3.89	2.63	5.00	.11	.00	2.33	6.35	3.10	.01		5.4				720	210	2.8		
						33	23	43	1		20	54	26											
08/03/73	5229					73	35	122	9.3	0	122	303	124	.4	.19	.3				766*	326	1A<	E	
	5229																							

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC		MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				TDS SUM	TH NCH	TURB SAR	REM				
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F										
X5 1230.30 SAN DIEGO RIVER AT OLD MISSION DAM																											
12/28/72	5050		6.4	52.0F	7.3	2560	--	--	--	--	--	532	386	--	--	--	--	1619	634	8A							
1000	5050	10E	58	11.1C								11.08	10.89				--										
04/11/73	5050		5.4	70.0F	7.3	1925	--	--	--	--	--	390	340	--	--	--	--	1331	517								
1400	5050	6E	60	21.1C								8.12	9.59				--										
06/27/73	5050		5.1	74.0F	7.6	2025	--	--	--	--	--	389	344	--	--	--	--	1372	497	12A							
0900	5050	6E	59	23.3C								8.10	9.70				--										
09/26/73	5050		5.3	64.0F	7.4	2050	--	--	--	--	--	365	316	--	--	--	--	1260	455	16A							
0915	5050	6E	55	17.8C								7.60	8.91				--										
X5 1320.00 SAN VICENTE CREEK AT SAN VICENTE DAM																											
01/02/73	5229						80	33	115	6.7	0	144	303	103	.4	.12	.2	779*	336	1A<	E						
5229					8.1	1110	3.99	2.71	5.00	.17	.00	2.36	6.31	2.90	.01		10.4	722	217	2.7							
							34	23	42	1		20	54	25													
03/27/73	5229						77	32	113	6.8	9.6	120	308	97	1.1	.00	.3	714*	326	2A							
5229					8.5	1048	3.84	2.63	4.92	.17	.32	1.97	6.41	2.74	.02		9.4	713	209	2.7							
							33	23	43	1	3	17	56	24													
07/02/73	5229						66	29	107	7.5	14	87	305	84	1.5	.10	.4	676*	284	3A<							
5229					8.8	982	3.29	2.38	4.65	.19	.47	1.43	6.35	2.37	.02		9.2	666	189	2.8							
							31	23	44	2	4	13	60	22													
X5 1520.00 SAN DIEGO RIVER AT EL CAPITAN DAM																											
01/02/73	5229						84	30	96	6.3	4.8	188	260	96	.6	.15	.2	717*	336	4A<	E						
5229					8.4	1035	4.19	2.47	4.18	.16	.16	3.08	5.41	2.71	.01		10.6	681	171	2.3							
							38	22	38	1	1	27	48	24													
03/27/73	5229						62	24	74	5.1	9.6	128	192	70	.3	.00	.3	514*	256	5A							
5229					8.5	765	3.09	1.97	3.22	.13	.32	2.10	4.00	1.97	.00		14.9	515	132	2.0							
							37	23	38	2	4	25	48	23													
07/02/73	5229						56	24	74	6.7	0	153	187	57	1.9	.06	.4	508*	242	3A<							
5229					8.3	757	2.79	1.97	3.22	.17	.00	2.51	3.89	1.61	.03		16.0	498	113	2.1							
							34	24	40	2		31	48	20													
X5 1990.10 ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR																											
10/00/72	5229						82	33	122	7.5	0	144	305	103	.4	.11	.2	805*	342	1A<	E						
5229					8.2	1115	4.09	2.71	5.31	.19	.00	2.36	6.35	2.90	.01		9.4	733	222	2.9	S						
							33	22	43	2		20	55	25													
11/00/72	5229						82	35	118	6.8	0	146	348	111	.7	.17	.2	792*	350	1A<	E						
5229					8.2	1129	4.09	2.88	5.13	.17	.00	2.39	7.25	3.13	.01		14.0	787	229	2.8							
							33	23	42	1		19	57	24													
12/00/72	5229						82	34	112	6.3	0	149	323	111	.8	.14	.2	825*	348	1A<	E						
5229					8.2	1116	4.09	2.80	4.87	.16	.00	2.44	6.72	3.13	.01		9.4	752	223	2.6							
							34	23	41	1		20	55	25													
01/00/73	5229						85	33	121	5.8	0	149	345	108	.1	.09	.5	799*	349	1A<	E						
5229					8.2	1128	4.24	2.71	5.26	.15	.00	2.44	7.18	3.05	.00		9.8	781	226	2.8							
							34	22	43	1		19	57	24													
02/00/73	5229						86	32	123	6.3	0	148	315	107	1.4	.00	.3	348*	347	1A<	E						
5229					8.2	1105	4.29	2.63	5.35	.16	.00	2.43	6.56	3.02	.02		9.2	753	225	2.9	T						
							35	21	43	1		20	55	25													
03/00/73	5229						82	34	116	5.8	0	149	319	105	.9	.15	.3	768*	348	1A<	E						
5229					8.2	1089	4.09	2.80	5.05	.15	.00	2.44	6.64	2.96	.01		9.0	745	223	2.7							
							34	23	42	1		20	55	25													
04/00/73	5229						83	32	112	6.7	0	145	312	111	1.1	.00	.2	770*	340	1A<	E						
5229					8.2	1111	4.14	2.63	4.87	.17	.00	2.44	6.50	3.13	.02		8.6	740	217	2.6							
							35	22	41	1		20	54	26													
05/00/73	5229						86	31	111	6.2	0	154	322	105	1.4	.00	.2	770*	344	1A<	E						
5229					8.2	1111	4.29	2.55	4.83	.16	.00	2.52	6.70	2.96	.02		8.6	747	216	2.6							
							36	22	41	1		21	55	24													
06/00/73	5229						85	30	110	7.7	0	149	307	87	1.4	.10	.3	755*	338	1A<	E						
5229					8.2	1072	4.24	2.47	4.79	.20	.00	2.44	6.39	2.45	.02		9.3	711	214	2.6							
							36	21	41	2		22	57	22													
07/00/73	5229						79	29	97	7.2	0	153	260	96	.8	.20	.4	676*	317	1A<	E						
5229					8.2	950	3.94	2.38	4.22	.18	.00	2.51	5.41	2.71	.01		11.8	656	191	2.4							
							37	22	39	2		24	51	25													
08/00/73	5229						77	29	97	6.0	0	148	282	106	.1	.04	.3	707*	312	1A<	E						
5229					8.2	965	3.84	2.38	4.22	.15	.00	2.43	5.87	2.99	.00		11.9	682	190	2.4	S						
							36	22	40	1		22	52	26													
09/00/73	5229						82	29	110	6.7	0	144	302	104	.5	.11	.3	728*	325	1A<	E						
5229					8.1	1018	4.09	2.38	4.79	.17	.00	2.36	6.29	2.93	.01		10.0	715	206	2.7							
							36	21	42	1		20	54	25													
X5 6200.10 MIRAMAR RESERVOIR NEAR MIRAMAR																											
04/30/73	5229						80	33	115	3.8	8.4	115	325	108	.5	.15	.3	771*	338	1A<	E						
5229					8.4	1145	3.99	2.71	5.00	.10	.28	1.88	6.77	3.05	.01		4.2	735	227	2.7							
							34	23	42	1	2	16	56	25													
07/31/73	5229						70	32	117	8.7	3.6	90	328	106	.4	.12	.4	757*	310	1A<	E						
5229					8.4	1052	3.49	2.63	5.09	.22	.12	1.48	6.83	2.99	.01		4.9	715	226	2.9							

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REMARKS
						MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE										
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR							
X5 6990.10						MIRAMAR FILTRATION PLANT BELOW MIRAMAR																				
10/00/72	5229					82	32	117	7.7	0	148	308	100	.6	.15	.2	779*	336	1A<	E						
5229					8.2 1097	4.09 34	2.63 22	5.09 42	.20 2	.00	2.43 21	5.41 55	2.82 24	.01		9.6	730	215	2.8							
11/00/72	5229					82	31	118	6.3	0	150	318	110	1.0	.17	.2	781*	335	1A<							
5229					8.6 1138	4.09 34	2.55 21	5.13 43	.16 1	.00	2.46 20	6.62 54	3.10 25	.02		13.6	754	209	2.8							
12/00/72	5229					83	31	119	6.5	0	137	330	110	1.4	.13	.2	831*	339	1A<	E						
5229					8.2 1150	4.14 34	2.55 21	5.18 43	.17 1	.00	2.25 18	6.87 56	3.10 25	.02		6.2	755	222	2.8							
01/00/73	5229					86	31	117	5.7	0	142	325	105	1.0	.13	.3	803*	346	1A<	E						
5229					8.2 1112	4.29 36	2.55 21	5.09 42	.15 1	.00	2.33 19	6.77 56	2.96 25	.02		7.8	748	226	2.8							
02/00/73	5229					86	31	120	6.3	8	157	330	102	1.2	.14	.4	786*	347	1A<							
5229					8.1 1129	4.29 35	2.55 21	5.22 43	.16 1	.00	2.57 21	6.87 56	2.88 23	.02		7.4	761	214	2.8							
03/00/73	5229					85	32	116	5.7	0	148	346	101	1.2	--	.3	776*	344	1A<	E						
5229					8.2 1090	4.24 35	2.63 22	5.05 42	.15 1	.00	2.43 19	7.20 58	2.85 23	.02		8.6	768	222	2.7							
04/00/73	5229					86	32	117	7.2	0	134	322	107	1.4	.14	.3	768*	346	1A<							
5229					8.2 1110	4.29 35	2.63 22	5.09 42	.18 1	.00	2.20 18	6.70 56	3.02 25	.02		8.0	747	236	2.7							
05/00/73	5229					89	31	109	6.5	0	155	325	99	.9	--	.3	795*	350	1A<	E						
5229					8.2 1113	4.44 37	2.55 21	4.74 40	.17 1	.00	2.54 21	6.77 56	2.79 23	.01		7.8	744	223	2.5							
06/00/73	5229					86	32	112	6.3	0	154	320	88	1.8	.10	.4	773*	348	1A<	E						
5229					8.2 1085	4.29 36	2.63 22	4.87 41	.16 1	.00	2.52 22	6.66 57	2.48 21	.03		8.3	730	220	2.6							
07/00/73	5229					88	31	107	7.0	0	154	310	103	.8	.13	.4	776*	350	1A<	E						
5229					8.2 1062	4.39 37	2.55 22	4.65 40	.18 2	.00	2.52 21	6.45 54	2.90 24	.01		8.8	731	221	2.5							
08/00/73	5229					85	30	110	6.0	0	149	323	112	.1	.02	.4	797*	339	1A<	E						
5229					8.2 1056	4.24 36	2.47 21	4.79 41	.15 1	.00	2.44 20	6.72 55	3.16 26	.00		9.2	749	214	2.6					S		
09/00/73	5229					85	31	110	6.3	0	150	315	106	.7	.10	.3	767*	341	1A<	E						
5229					8.2 1037	4.24 36	2.55 22	4.79 41	.16 1	.00	2.46 20	6.56 55	2.99 25	.01		9.0	737	217	2.6							
X7 1300.00						OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)																				
04/30/73	5229					50	22	72	3.7	0	166	104	90	.7	.09	.3	483*	214	3A<							
5229					8.3 740	2.50 33	1.81 24	3.13 42	.09 1	.00	2.72 37	2.17 29	2.54 34	.01		17.0	441	80	2.1							
07/31/73	5229					48	24	75	6.8	14	138	123	86	1.2	.09	.3	480*	220	1A>							
5229					8.7 717	2.40 31	1.97 25	3.26 42	.17 2	.48 6	2.26 29	2.56 33	2.43 31	.02		15.2	462	82	2.2							
X7 1320.10						OTAY RIVER AT UPPER OTAY RESERVOIR																				
01/30/73	5229					56	20	117	7.3	0	131	54	223	2.6	.16	.3	683*	224	5A							
5229					7.9 1802	2.79 29	1.64 17	5.09 52	.19 2	.00	2.15 22	1.12 12	6.29 66	.04		11.0	555	114	3.4							
02/27/73	5229					50	19	103	7.8	8.4	113	59	189	4.5	.19	.4	632*	202	6A	E						
5229					8.5 900	2.50 29	1.56 18	4.48 51	.20 2	.28 3	1.85 21	1.23 14	5.33 61	.07 1		12.4	509	97	3.1							
08/30/73	5229					42	18	90	5.3	0	154	58	141	.3	.33	.2	511*	180	2A<							
5229					7.9 765	2.10 27	1.48 19	3.92 51	.14 2	.00	2.52 33	1.22 16	3.98 52	.00		16.4	448	53	2.9							
X7 1990.10						LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.																				
10/00/72	5229					65	30	115	7.5	3.6	137	244	107	.5	.16	.2	701*	288	1A<							
5229					8.4 1013	3.24 30	2.47 23	5.00 46	.19 2	.12 1	2.25 21	5.08 48	3.02 29	.01		10.8	651	167	3.0							
11/00/72	5229					69	31	116	6.5	0	159	239	109	2.5	.14	.2	708*	302	1A<							
5229					8.3 1037	3.44 31	2.55 23	5.05 45	.17 2	.00	2.61 24	4.98 47	3.07 29	.04		17.0	668	169	2.9							
12/00/72	5229					56	27	102	6.5	0	181	195	109	1.0	.15	.2	624*	254	1A<							
5229					8.3 925	2.79 29	2.22 23	4.44 46	.17 2	.00	2.97 29	4.06 40	3.07 30	.02		13.2	599	102	2.8							
01/00/73	5229					64	29	110	3.0	0	155	233	107	.1	.06	.3	650*	280	1A<							
5229					8.2 973	3.19 31	2.38 23	4.79 46	.08 1	.00	2.54 24	4.85 47	3.02 29	.00		11.6	634	152	2.9							
02/00/73	5229					70	28	110	6.3	0	161	212	105	1.1	.13	.3	670*	290	1A<							
5229					8.3 985	3.49 32	2.30 21	4.79 45	.16 1	.00	2.64 26	4.41 44	2.96 30	.02		11.2	623	158	2.8					S		
03/00/73	5229					66	26	99	7.2	0	150	227	101	.9	.00	.3	648*	276	1A<							
5229					8.3 952	3.29 33	2.14 22	4.31 43	.18 2	.00	2.46 24	4.73 47	2.85 28	.01		11.0	612	149	2.6							
04/00/73	5229					105	24	101	7.2	8	151	310	101	1.3	.12	.2	609*	262	1A<							
5229					8.3 967	5.24 44	1.97 17	4.39 37	.18 2	.00	2.47 21	6.45 55	2.85 24	.02		12.2	736	237	2.3					TC		
05/00/73	5229					74	28	104	6.5	0	159	262	102	.9	--	.3	703*	300	1A<							
5229					8.3 1025	3.69 35	2.30 22	4.52 42	.17 2	.00	2.61 24	5.45 50	2.88 26	.01		9.4	665	169	2.6							
06/00/73	5229					76	28	105	7.5	0	156	258	89	2.0	.08	.3	701*	308	1A<							
5229					8.3 1005	3.79 35	2.30 21	.57 42	.19 2	.00	2.56 24	5.37 51	2.51 24	.03		11.0	653	177	2.6							



TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER																								
DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					TURB SAR	REM		
						CA	MG	NA	K	CO3	PERCENT HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH						
. . . . .																								
X7 1990.10		LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.										CONTINUED												
07/00/73	5229					74	28	107	7.7	8	160	255	103	.8	.15	.3	699*	304	1A<	E				
	5229				8.3	998	3.69	2.30	4.65	.20	.00	2.62	5.31	2.90	.01		11.0	665	169	2.7				
							34	21	43			24	49	27										
08/00/73	5229					70	28	118	6.7	7.2	144	200	109	.3	.07	.2	730*	292	1A<	E				
	5229				8.4	959	3.49	2.30	5.13	.17	.24	2.36	5.83	3.07	.00		5.5	696	160	3.0				
							31	21	46			21	51	27										
09/00/73	5229					74	28	117	6.7	0	151	252	114	2.2	.17	.3	716*	302	1A<					
	5229				8.3	1025	3.69	2.30	5.09	.17	.00	2.47	5.25	3.21	.04		9.7	678	176	2.9				
							33	20	45	2		23	48	29										
X8 2210.00		COTTONWOOD CREEK AT BARRETT DAM																						
11/27/72	5229					47	31	91	11	9.6	239	72	110	.8	.17	.3	523*	248	7A<					
	5229				8.4	846	2.35	2.55	3.96	.28	.32	3.92	1.51	3.10	.01		2.1	493	33	2.5				
							26	28	43	3		44	17	35										
06/01/73	5229					45	17	45	5.3	0	178	46	52	.0	--	.3	393*	188	5A<					
	5229				7.8	584	2.30	1.40	2.00	.14	.00	2.92	.97	1.75	.00		21.6	332	39	1.5				
							39	24	34	2		52	17	31										
X8 2430.00		COTTONWOOD CREEK AT MORENA DAM																						
11/30/72	5229					36	35	109	12	0	325	54	107	12.3	.13	.2	551*	234	5A>					
	5229				7.9	902	1.80	2.88	4.74	.33	.00	5.33	1.12	3.02	.20		15.4	541	0	3.1				
							18	30	49	3		55	12	31	2									
06/01/73	5229					46	30	86	10	15	260	56	88	.0	--	.3	534*	240	6A>					
	5229				8.5	795	2.30	2.47	3.74	.26	.52	4.26	1.17	2.48	.00		14.4	474	0	2.4				
							26	28	43	3	6	51	14	29										
Y1 1550.00		SANTA ANA RIVER BELOW PRADO DAM																						
10/27/72	5050	2.29	7.2	60.0F	7.7	1240	89	27	117	9.7	0	311	127	140	39.0	.48	.6	744	358	28 A				
	0815	66	72	15.5C	7.3	1153	4.94	2.22	5.09	.25	.00	5.10	2.64	3.95	.63	--	--	712	103	2.7				
							40	18	41	2		41	21	32	5									
11/30/72	5050	2.27	8.1	58.0F	7.7	1200	100	27	120	9.4	0	306	134	137	39.6	.60	.6	724	361	24A				
	1400	66	79	14.4C	7.4	1182	4.99	2.22	5.22	.24	.00	5.02	2.79	3.86	.64	--	--	718	110	2.7				
							39	18	41	2		41	23	31	5									
12/14/72	5101					107	29	118	9.0	0	312	147	150	46.0	.37	.5	824	385						
	5101				7.5	1263	5.34	2.38	5.13	.23	.00	5.11	3.06	4.23	.74	--	--	760	131	2.6				
							41	18	39	2		39	23	32	6									
12/30/72	5050	2.30	10.2	49.0F	7.7	1200	97	30	121	8.3	0	315	137	141	38.1	.45	.6	745	366	26A				
	1320	70	89	9.4C	7.5	1198	4.84	2.47	5.26	.21	.00	5.16	2.85	3.98	.61	--	--	728	108	2.8				
							38	19	41	2		41	23	32	5									
02/01/73	5050	2.67	8.0	54.0F	7.7	1350	120	34	138	11	0	344	181	172	38.4	.49	.7	896	439	67A				
	1400	140	74	12.2C	7.5	1375	5.99	2.80	6.00	.28	.00	5.64	3.77	4.85	.62	--	--	864	158	2.9				
							40	19	40	2		38	25	33	4									
03/01/73	5050	2.81	6.9	52.0F	7.2	740	67	17	68	18	0	260	75	84	1.9	.39	.9	495	237	20A				
	0800	185	63	11.1C	7.5	776	3.34	1.40	2.96	.47	.00	4.26	1.56	2.37	.03	--	--	459	24	1.9				
							41	17	36	6		52	19	29										
04/12/73	5050	2.71	6.7	61.0F	7.4	900	79	24	94	16	0	300	90	109	18.0	.37	.6	593	296	5A				
	1745	168	68	16.1C	7.6	997	3.94	1.97	4.09	.41	.00	4.92	1.87	3.07	.29	--	--	578	50	2.4				
							38	19	39	4		48	18	30	3									
04/27/73	5050	2.74	7.5	60.0F	7.6	975	86	23	102	15	0	315	98	120	22.0	.47	.6	639	309	5A				
	0900	175	75	15.5C	7.8	1085	4.29	1.89	4.44	.40	.00	5.16	2.04	3.38	.35	--	--	622	51	2.5				
							39	17	40	4		47	19	31	3									
05/24/73	5050	2.60	6.5	61.0F	7.6	1425	118	30	129	10	0	395	150	145	25.4	.46	.5	828	418	27A				
	0730	134	66	16.1C	8.1	1338	5.89	2.47	5.61	.27	.00	6.47	3.12	4.09	.41	--	--	802	95	2.7				
							41	17	39	2		46	22	29	3									
06/07/73	5101					88	34	113	8.4	0	339	129	137	20.0	.55	.6	715	358						
	1100				7.8	1153	4.39	2.80	4.92	.21	.00	5.56	2.69	3.86	.32	--	--	697	82	2.6				
							36	23	40	2		45	22	31	3									
06/29/73	5050	2.17	7.4	67.0F	7.8	1130	97	27	112	7.8	0	292	130	137	35.4	.42	.5	746	353	33A				
	0700	47	80	19.4C	7.7	1176	4.84	2.22	4.87	.20	.00	4.79	2.71	3.86	.57	--	--	690	114	2.6				
							40	18	40	2		40	23	32	5									
07/26/73	5050	2.14	7.2	78.0F	7.8	1050	90	26	108	7.6	0	281	128	126	34.2	.42	.5	683	332	42A				
	1315	43	87	25.5C	7.9	1107	4.49	2.14	4.70	.19	.00	4.61	2.66	3.55	.55	--	--	658	101	2.6				
							39	19	41	2		41	23	31	5									
08/29/73	5050	2.07	8.0	63.0F	7.8	1080	95	26	108	7.5	0	283	136	126	31.2	.49	.5	683	344	28A				
	0815	37	83	17.2C	7.2	1115	4.74	2.14	4.70	.19	.00	4.64	2.83	3.55	.50	--	--	669	117	2.5				
							40	18	40	2		40	25	31	4									
09/28/73	5050		9.9	61.0F	8.0	1400	147	43	127	6.1	0	397	226	172	24.6	.35	.8	969	544	5A				
	0730	38	100	16.1C	8.1	1521	7.34	3.54	5.52	.16	.00	6.51	4.71	4.85	.40	--	--	941	219	2.4				
							44	21	33	1		40	29	28	2									
Y2 1210.05		CHINO CREEK NEAR CHINO																						
02/01/73	5050		5.9	60.0F	7.3	540	--	--	--	--	--	75	17	--	--	--	--	659	209	4A				
	1500	.5	59	15.5C								1.56	.48	--	--	--	--							
04/27/73	5050		4.0	59.0F	7.8	900	--	--	--	--	--	92	98	--	--	--	--	648	271	8A				
	0800	.5	39	15.0C								1.92	2.76	--	--	--	--							

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER HILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR						
																				SI02					
Y4 1100.00 WARM CREEK NEAR COLTON																									
10/27/72 1200	5050 5050		8.6 100	74.0F 23.3C	7.2	940	--	--	--	--	--	--	79 1.64	116 3.27	--	--	--	568	228	66A					
02/01/73 1040	5050 5050		9.3 95	62.0F 16.7C	7.2	740	--	--	--	--	--	--	68 1.42	64 1.80	--	--	--	480	201	43A					
Y5 1050.10 SANTA ANA R SAN BERNARDINO RIVERSIDE CO LINE																									
05/24/73 1000	5050 5050		8.1 85	64 F 18 C	7.7 7.3	500 481	31 1.55	11 .90	46 2.00	4.5 1.12	0 .00	120 1.97	44 .92	49 1.38	11.4 .18	.26 --	.2 --	274 256	123 24	93A 1.8					
07/26/73 0930	5050 5050		7.3 90	80.0F 26.6C	7.7 7.5	500 486	29 1.45	12 .99	48 2.09	4.2 1.12	0 .00	102 1.67	50 1.04	54 1.52	15.0 .24	.14 --	.3 --	250 262	122 39	37A 1.9					
08/29/73 1030	5050 5050		6.9 85	80.0F 26.6C	7.7 6.7	485 518	29 1.45	13 1.07	55 2.39	5.0 .13	0 .00	118 1.93	51 1.06	58 1.64	13.2 .21	.29 --	.3 --	287 283	126 30	40A 2.1					
Y5 1100.00 SANTA ANA RIVER AT E STREET BRIDGE																									
10/27/72 1045	5050 5050		2.86 21	8.2 99	78.0F 25.5C	7.2 7.1	940 955	41 2.05	24 1.97	97 4.22	12 .32	0 .00	340 5.57	85 1.77	84 2.37	4.9 .08	.68 --	.7 --	537 516	201 0	13A 3.0				
11/30/72 1000	5050 5050		2.85 23	8.6 96	70.0F 21.1C	7.2 7.5	950 948	43 2.15	21 1.73	102 4.44	11 .30	0 .00	348 5.70	93 1.94	80 2.26	6.8 .11	.83 --	1.0 --	538 530	194 0	10A 3.2				
12/14/72 5101 5101						7.6	1009	59 2.94	12 .99	94 4.09	12 .31	0 .00	327 5.36	89 1.85	91 2.57	7.8 .13	.76 --	.4 --	587 526	198 0		2.9			
12/30/72 1010	5050 5050		2.73 26	8.9 91	62.0F 16.7C	7.2 7.5	950 1020	42 2.10	20 1.64	103 4.48	12 .31	0 .00	372 6.10	88 1.83	79 2.23	8.1 .13	1.04 --	.8 --	567 536	187 0	10A 3.3				
02/01/73 1000	5050 5050		2.69 25	8.9 93	64.0F 17.8C	7.2 7.5	920 943	39 1.95	20 1.64	101 4.39	11 .30	0 .00	358 5.87	117 2.44	73 2.06	5.6 .09	.85 --	.8 --	536 544	180 0	18A 3.3				
03/01/73 1145	5050 5050		1.95 45	8.4 88	64.0F 17.8C	7.2 7.9	825 853	49 2.45	18 1.48	86 3.74	12 .31	0 .00	333 5.46	77 1.60	68 1.92	6.8 .11	.68 --	1.0 --	493 481	197 0	28A 2.7				
04/12/73 1000	5050 5050		1.97 28	7.6 88	74.0F 23.3C	7.2 7.2	875 997	46 2.30	22 1.81	95 4.13	11 .30	0 .00	385 6.31	79 1.64	70 1.97	5.6 .09	.68 --	.8 --	528 519	206 0	40A 2.9				
04/27/73 1300	5050 5050		1.88 34	8.0 95	76.0F 24.4C	7.2 7.4	800 934	53 2.64	18 1.48	91 3.96	10 .27	0 .00	360 5.90	75 1.56	67 1.89	6.8 .11	.74 --	.8 --	535 499	206 0	25A 2.8				
05/24/73 1045	5050 5050		1.55 33	7.8 91	74.0F 23.3C	7.2 7.2	950 978	49 2.45	14 1.15	94 4.09	11 .29	0 .00	378 6.20	65 1.35	69 1.95	5.6 .09	.78 --	.6 --	523 495	180 0	40A 3.0				
05/31/73 1130	5101 5101					7.2	861	60 2.99	13 1.07	80 3.48	11 .28	0 .00	330 5.41	63 1.31	64 1.80	4.5 .07	.83 --	1.1 --	461 459	201 0		2.4			
06/29/73 1015	5050 5050		0.80 37	7.5 94	82.0F 27.8C	7.2 7.2	850 922	54 2.69	15 1.23	90 3.92	9.6 .25	0 .00	339 5.56	83 1.73	64 1.80	5.0 .08	.66 --	.8 --	510 488	196 0	25A 2.8				
07/26/73 0845	5050 5050		1.89 26	6.9 88	83.0F 28.3C	7.2 7.4	930 1018	42 2.10	23 1.89	88 3.83	12 .32	0 .00	401 6.57	78 1.62	66 1.86	3.1 .05	.66 --	.7 --	495 511	200 0	10A 2.7				
08/29/73 1100	5050 5050		1.67 19	0.3 4	85.0F 29.4C	7.2 6.3	900 982	27 1.35	34 2.80	52 2.26	14 .36	0 .00	436 7.15	.0 .00	62 1.75	5.0 .08	.73 --	.7 --	481 409	207 0	21A 1.6				
09/28/73 1045	5050 5050		1.69 31	6.0 76	82.0F 27.8C	7.2 7.4	950 1045	48 2.40	21 1.73	86 3.74	11 .30	0 .00	386 6.33	84 1.75	72 2.03	1.9 .03	.77 --	1.6 --	529 515	207 0	30A 2.6				
Y5 1150.00 SANTA ANA RIVER AT WATERMAN AVENUE																									
05/31/73 1100	5101 5101					7.6	460	50 2.50	10 1.13	26 1.13	3.3 .08	0 .00	167 2.74	40 .83	18 .51	33.0 .53	.07 --	.5 --	252 262	167 29		0.9			
Y5 1700.00 SANTA ANA RIVER NEAR MENTONE																									
12/14/72 5101 5101						7.8	357	36 1.80	6.1 .50	27 1.17	2.2 .06	0 .00	135 2.21	43 .90	10 .28	5.2 .08	.09 --	.5 --	266 196	116 5		1.1			
05/31/73 1000	5101 5101					7.5	194	22 1.10	5.5 .45	12 .52	1.4 .04	0 .00	99 1.62	9.5 .20	10 .28	2.1 .03	.05 --	.2 --	83 111	77 0		0.6			
Y5 1945.00 SANTA ANA RIVER SPREADING DIVERSION NEAR MENTONE																									
12/14/72 5101 5101						7.7	353	37 1.85	7.1 .58	25 1.09	2.4 .06	0 .00	140 2.29	44 .92	11 .31	5.6 .09	.08 --	.4 --	278 201	121 7		1.0			
05/31/73 1030	5101 5101					7.6	204	23 1.15	4.4 .36	12 .52	1.5 .04	0 .00	97 1.59	8.4 .17	6.0 .17	1.9 .03	.04 --	.2 --	105 105	76 0		0.6			

TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER																									
DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR	REM					
Y5 1978.00 SANTA ANA RIVER NO. 1 TAILRACE NEAR MENTONE																									
10/27/72 1400	5050 5050	35E	10.1 96	56.0F 13.3C	7.9 270	--	--	--	--	--	--	17 .35	6.0 .17	--	--	--	--	151	91	4A					
11/30/72 0845	5050 5050	25E	11.0 92	46.0F 7.8C	7.9 240	--	--	--	--	--	--	16 .33	5.0 .14	--	--	--	--	117	93	0A					
12/14/72 5101 5101					7.8 285	33 1.65	5.7 .47	17 .74	1.8 .05	0 .00	138 2.26	14 .29	10 .28	4.2 .07	.03 --	.3 --	--	206 154	105 0	0.7	E				
12/30/72 0830	5050 5050	25E	12.4 91	37.0F 2.8C	7.8 235	--	--	--	--	--	--	15 .31	6.0 .17	--	--	--	--	141	93	4A					
02/01/73 0830	5050 5050	20E	11.7 89	39.0F 3.9C	7.7 200	--	--	--	--	--	--	15 .31	6.0 .17	--	--	--	--	117	91	4A					
03/01/73 1400	5050 5050		10.0 92	53.0F 11.7C	8.0 200	--	--	--	--	--	--	12 .25	7.0 .20	--	--	--	--	114	82	26A					
04/12/73 0845	5050 5050		10.5 95	52.0F 11.1C	8.1 200	--	--	--	--	--	--	12 .25	7.0 .20	--	--	--	--	118	82	8A					
04/27/73 1425	5050 5050		8.5 92	67.0F 19.4C	8.4 200	--	--	--	--	--	--	10 .21	5.0 .14	--	--	--	--	133	78	12A					
05/24/73 1330	5050 5050		8.8 90	62.0F 16.7C	8.0 220	--	--	--	--	--	--	12 .25	5.0 .14	--	--	--	--	114	72	3A					
05/31/73 1000	5101 5101				7.6 218	22 1.10	4.4 .36	12 .52	1.4 .04	0 .00	95 1.56	9.5 .20	7.0 .20	1.9 .03	.06 --	.3 --	--	100 105	73 0	0.6					
06/29/73 1230	5050 5050		7.6 94	80.0F 26.6C	8.3 280	--	--	--	--	--	--	37 .77	6.0 .17	--	--	--	--	206	106	1A					
07/26/73 0700	5050 5050		9.1 95	64.0F 17.8C	8.0 370	--	--	--	--	--	--	72 1.50	8.0 .23	--	--	--	--	284	131	1A					
08/29/73 1230	5050 5050		8.2 102	81.0F 27.2C	8.4 370	--	--	--	--	--	--	89 1.85	8.0 .23	--	--	--	--	255	126	3A					
09/28/73 1315	5050 5050	20E	9.8 94	57.0F 13.9C	8.0 180	--	--	--	--	--	--	8.2 .17	4.0 .11	--	--	--	--	135	79	2A					
Y5 2400.00 BIG BEAR LAKE NEAR BIG BEAR LAKE																									
12/01/72 0900	5101 5101				7.5 283	27 1.35	13 1.07	12 .52	2.9 .07	0 .00	145 2.38	10 .21	12 .34	3.0 .05	.00 --	.3 --	--	180 151	119 2	0.5					
Y5 2400.10 BIG BEAR LAKE STREAM BELOW BIG BEAR DAM																									
12/01/72 0900	5101 5101				7.1 300	29 1.45	12 .99	13 .57	3.0 .08	0 .00	145 2.38	11 .23	15 .42	5.2 .08	.02 --	.3 --	--	177 160	121 3	0.5					
05/14/73 5101 5101					6.9 278	27 1.35	12 .99	11 .48	3.0 .08	0 .00	145 2.38	6.6 .14	13 .37	.0 .00	.11 --	.0 --	--	150 144	116 0	0.4					
Y6 1110.00 SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA																									
12/14/72 5101 5101					7.3 1159	90 4.49	27 2.22	105 4.57	7.8 .20	0 .00	295 4.84	110 2.29	141 3.98	37.0 .60	.42 --	.7 --	--	704 663	335 94	2.5					
06/07/73 1000	5101 5101				7.9 1138	98 4.89	26 2.14	114 4.96	7.5 .19	0 .00	312 5.11	103 2.14	155 4.37	26.0 .42	.49 --	.8 --	--	700 683	350 96	2.6					
Y6 1225.00 SANTA ANA RIVER NEAR NORCO																									
10/27/72 1230	5050 5050	50E	2.8 30	65.0F 18.3C	7.4 1250	--	--	--	--	--	--	122 2.54	148 4.17	--	--	--	--	748	354	2 A					
12/14/72 5101 5101					7.3 1178	90 4.49	25 2.06	112 4.87	8.4 .21	0 .00	283 4.64	113 2.35	147 4.15	43.0 .69	.39 --	.7 --	--	749 678	327 96	2.7					
02/01/73 1330	5050 5050	50E	7.0 72	62.0F 16.7C	7.7 1090	--	--	--	--	--	--	119 2.48	133 3.75	--	--	--	--	719	338	24A					
04/27/73 1000	5050 5050	50E	7.8 78	60.0F 15.5C	7.8 1050 1177	--	--	--	--	--	--	119 2.48	136 3.84	--	--	--	--	701	333	30A					
05/31/73 1545	5101 5101				7.4 1075	95 4.74	23 1.89	109 4.74	7.5 .19	0 .00	279 4.57	115 2.39	135 3.81	37.0 .60	.45 --	.7 --	--	655 659	330 103	2.6					
07/26/73 1230	5050 5050	50E	4.1 56	90.0F 32.2C	7.8 1050	--	--	--	--	--	--	114 2.37	135 3.81	--	--	--	--	709	334	4A					



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REMARKS
						PERCENT REACTANCE VALUE										PERCENT REACTANCE VALUE										
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR							
.....																										
Y6		1400.00 SANTA ANA RIVER NEAR ARLINGTON																								
10/27/72 0930	5050 5050	5.92	6.6 72	68.0F 20.0C	7.3 1150	--	--	--	--	--	--	122 2.54	131 3.69	--	--	--	--	731	348	4A						
11/30/72 1130	5050 5050	60E	8.2 86	64.0F 17.8C	7.3 1080	--	--	--	--	--	--	109 2.27	130 3.67	--	--	--	--	660	325	39A						
12/14/72 5101 5101					7.6 1104	77 3.84 37	23 1.89 18	101 4.39 42	8.4 .21 2	0 .00	281 4.61 43	100 2.08 19	125 3.53 33	31.6 .50 5	.43 --	.4 --	--	671 604	284 56	2.6						
12/30/72 1130	5050 5050	3.94	9.4 88	55.0F 12.8C	7.3 1080	--	--	--	--	--	--	112 2.33	127 3.58	--	--	--	--	676	338	12A						
02/01/73 1140	5050 5050	3.67	8.5 87	62.0F 16.7C	7.2 1050	--	--	--	--	--	--	116 2.42	124 3.50	--	--	--	--	661	290	13A						
03/01/73 0920	5050 5050		8.5 85	60.0F 15.5C	7.6 980	--	--	--	--	--	--	112 2.33	108 3.05	--	--	--	--	628	342	700A						
04/12/73 1130	5050 5050	70E	7.8 94	77.0F 25.0C	7.7 1000	--	--	--	--	--	--	116 2.42	120 3.38	--	--	--	--	657	288	14A						
04/27/73 1135	5050 5050	50E	8.7 91	64.0F 17.8C	7.6 1000	--	--	--	--	--	--	120 2.50	116 3.27	--	--	--	--	703	355	22A						
05/24/73 0900	5050 5050		8.1 86	65.0F 18.3C	7.3 1100	--	--	--	--	--	--	109 2.27	120 3.38	--	--	--	--	639	308	35A						
05/31/73 1445 5101					7.5 1093	89 4.44 39	26 2.14 19	104 4.52 40	7.5 .19 2	0 .00	295 4.84 42	117 2.44 21	128 3.61 32	32.0 .52 5	.37 --	.8 --	--	629 649	327 87	2.5						
06/29/73 0830	5050 5050	3.98	8.4 100	76.0F 24.4C	7.3 1120	--	--	--	--	--	--	112 2.33	138 3.89	--	--	--	--	725	340	10A						
07/26/73 1030	5050 5050	4.05	8.0 100	81.0F 27.2C	7.3 1020	--	--	--	--	--	--	112 2.33	121 3.41	--	--	--	--	674	325	11A						
08/29/73 0930	5050 5050	100F	8.2 95	74.0F 23.3C	7.3 1000	--	--	--	--	--	--	110 2.29	124 3.50	--	--	--	--	642	322	44A						
09/28/73 0945	5050 5050	60E	8.4 93	69.0F 20.5C	7.2 1100	--	--	--	--	--	--	122 2.54	130 3.67	--	--	--	--	712	336	4A						
Y7		1145.00 SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO																								
10/27/72 1330	5050 5050	1E	10.3 113	68.0F 20.0C	9.5 395	--	--	--	--	--	--	39 .81	22 .62	--	--	--	--	250	117	6A						
02/01/73 0930	5050 5050	1E	11.4 95	46.0F 7.8C	8.3 640	--	--	--	--	--	--	64 1.33	37 1.04	--	--	--	--	406	192	8A						
07/26/73 0800	5050 5050	2E	7.9 90	72.0F 22.2C	8.3 530	--	--	--	--	--	--	39 .81	28 .79	--	--	--	--	341	177	72A						
Y8		2200.00 LAKE ELSINORE AT THE STATE PARK																								
12/28/72 1500	5050 5050	2.25	9.9 85	48.0F 8.9C	8.5 4575	--	--	--	--	--	--	532 11.08	1020 28.76	--	--	--	--	2974	170	24A						
04/11/73 0800	5050 5050	3.80	10.7 112	64.0F 17.8C	8.5 3880	--	--	--	--	--	--	452 9.41	845 23.83	--	--	--	--	2545	146							
06/27/73 1300	5050 5050	3.25	12.5 162	85.0F 29.4C	8.5 4425	--	--	--	--	--	--	480 9.99	905 25.52	--	--	--	--	2766	166	18A						
09/26/73 1400	5050 5050	2.13	11.1 125	71.0F 21.6C	8.5 5200	--	--	--	--	--	--	540 11.24	1050 29.61	--	--	--	--	3152	191	18A						
Z1		1100.00 VENTURA RIVER NEAR VENTURA																								
11/27/72 0815	5050 5050	3.48 .8	7.0 64	53.0F 11.7C	7.3 1115	--	--	--	--	--	--	273 5.68	56 1.58	--	--	--	--	718	472	0A						
01/29/73 0845	5050 5050	4.04 21	10.2 88	48.0F 8.9C	7.7 1050	--	--	--	--	--	--	268 5.58	51 1.44	--	--	--	--	753	486	3A						
04/23/73 0830	5050 5050	4.58 27	11.3 110	58.0F 14.4C	7.9 950	--	--	--	--	--	--	271 5.64	46 1.30	--	--	--	--	781	474	2A						
07/23/73 0730	5050 5050	4.47 11	9.3 97	64.0F 17.8C	7.7 1000	--	--	--	--	--	--	258 5.37	42 1.18	--	--	--	--	715	456	1A						

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER EQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAP							
Z1 5150.00 MATILAJA CREEK BELOW DAM																										
11/27/72	5050		10.4	52.0F	7.7	1010	113	31	58	2.8	0	231	255	50	1.3	1.18	.6	648	410	1A						
0915	5050	5.2	94	11.1C	7.7	940	5.64	2.55	2.52	.07	.00	3.79	5.31	1.41	.02		--	626	220	1.2						
							52	24	23	1		36	50	13												
01/29/73	5050		11.1	46.0F	8.1	750	100	25	38	2.1	0	215	224	18	2.0	.61	.6	560	353	8A	E					
0930	5050	14	93	7.8C	8.0	768	4.99	2.06	1.65	.05	.00	3.52	4.66	.51	.03		--	515	177	0.9						
							57	24	19	1		40	53	6												
04/23/73	5050		9.8	59.0F	8.2	725	102	28	33	2.1	0	201	254	11	.0	.33	.5	567	370	1A						
0915	5050	68	97	15.0C	7.9	832	5.09	2.30	1.44	.05	.00	3.29	5.29	.31	.00		--	529	205	0.7						
							57	26	16	1		37	60	3												
07/23/73	5050		8.3	72.0F	8.1	810	88	30	42	2.1	0	166	261	18	.0	.62	.6	567	343	1A						
0830	5050	9.1	95	22.2C	8.0	832	4.39	2.47	1.83	.05	.00	2.72	5.43	.51	.00		--	523	207	1.0						
							50	28	21	1		31	63	6												
Z2 1300.00 SANTA PAULA CREEK NEAR SANTA PAULA																										
11/28/72	5050		5.05	11.0	57.0F	8.2	1040	--	--	--	--	--	262	46	--	--	--	672	400	0A						
1100	5050	4.2	106	13.9C									5.45	1.30		--	--									
01/30/73	5050		4.77	10.1	50.0F	8.1	900	--	--	--	--	--	247	36	--	--	--	633	396	2A						
1000	5050	7.0	89	10.0C									5.14	1.02		--	--									
04/24/73	5050		7.58	9.6	62.0F	8.1	620	--	--	--	--	--	188	14	--	--	--	497	312	2A						
1030	5050	32	98	16.7C									3.91	.39		--	--									
07/24/73	5050		7.20	9.3	68.0F	8.1	800	--	--	--	--	--	206	23	--	--	--	578	342	2A						
0845	5050	6.5	102	20.0C									4.29	.65		--	--									
Z2 1360.10 SANTA CLARA RIVER NEAR SANTA PAULA																										
11/28/72	5050		8.7	64.0F	7.7	1950	206	78	146	5.6	0	318	734	69	20.7	.91	.8	1501	835	5A	E					
1200	5050	100E	91	17.8C	8.0	1834	10.28	6.41	6.35	.14	.00	5.21	15.28	1.95	.33		--	1417	574	2.2						
							44	28	27	1		23	67	9	1											
01/30/73	5050		9.4	56.0F	7.8	1800	195	72	140	5.4	0	309	693	62	19.0	1.00	.8	1464	783	5A	F					
1115	5050	300E	90	13.3C	8.0	1737	9.73	5.92	6.09	.14	.00	5.06	14.43	1.75	.31		--	1339	430	2.2						
							44	27	28	1		23	67	8	1											
04/24/73	5050		9.7	69.0F	8.2	1325	154	57	105	4.6	0	279	517	46	12.6	.72	.7	1124	619	7A	F					
1130	5050	200E	107	20.5C	8.1	1479	7.68	4.69	4.57	.12	.00	4.57	10.76	1.30	.20		--	1034	390	1.8						
							45	27	27	1		27	64	8	1											
07/24/73	5050		10.2	67.0F	8.0	1390	150	57	101	4.5	0	262	512	44	13.0	.75	.7	1098	609	50A	E					
0930	5050	200E	110	19.4C	8.1	1454	7.49	4.69	4.39	.12	.00	4.29	10.66	1.24	.21		--	1011	395	1.4						
							45	28	26	1		26	65	8	1											
Z2 1702.00 SANTA CLARA RIVER AT HWY 99																										
10/04/72	1101		5.6	59.0F			201	66	130	5.0	0	454	557	83	27.3	--	--									
0630	1101		55	15.0C	8.0	1860	10.03	5.43	5.66	.13	.00	7.44	11.60	2.34	.44		--	1293	401	2.0						
							47	26	27	1		34	53	11	2											
11/02/72	1101		7.9	51.0F			171	46	114	5.0	0	414	403	76	30.0	--	--									
0545	1101		71	10.5C	8.0	1670	8.53	3.78	4.96	.13	.00	6.79	8.39	2.14	.48		--	1049	618	2.0						
							49	22	29	1		38	47	12	3											
11/28/72	5050		7.4	64.0F	7.9	1600	172	57	120	5.8	0	402	625	78	40.9	.89	.6	1120	664	63A	E					
1610	5050	5E	77	17.8C	7.9	1514	8.58	4.69	5.22	.15	.00	6.59	8.85	2.20	.66		--	1097	334	2.0						
							46	25	28	1		34	48	12	4											
12/01/72	1101		7.9	50.0F			192	60	132	5.0	0	437	502	84	36.0	--	--									
0515	1101		70	10.0C	8.0	1880	9.58	4.93	5.74	.13	.00	7.16	10.45	2.37	.58		--	1226	368	2.1						
							47	24	28	1		35	51	12	3											
01/03/73	1101		8.0	41.0F			197	64	135	5.0	0	433	534	85	34.0	--	--									
0630	1101		62	5.0C	8.3	1890	9.83	5.26	5.87	.13	.00	7.10	11.12	2.40	.55		--	1267	400	2.1						
							47	25	28	1		34	53	11	3											
01/30/73	5050		8.2	58.0F	7.8	1600	173	60	120	5.9	0	398	645	81	37.5	.95	.6	1187	678	75A	E					
1515	5050	5E	80	14.4C	7.8	1572	8.63	4.93	5.22	.15	.00	6.52	9.26	2.28	.60		--	1119	352	2.0						
							46	26	28	1		35	50	12	3											
02/06/73	1101			50.0F			--	--	--	--	--	--	--	--	--	--	--	--								
0500	1101			10.0C	7.8	678										--	--									
03/07/73	1101		8.2	47.0F			166	53	113	6.0	0	384	417	70	--	--	--									
0600	1101		70	8.3C		1580	8.28	4.36	4.92	.15	.00	6.29	8.68	1.97		--	--	1014	318	2.0						
							47	25	28	1		37	51	12												
04/24/73	5050		7.2	79.0F	8.4	1125	126	39	96	4.9	0	358	262	72	36.0	1.00	.5	837	475	420A						
1600	5050	5E	88	26.1C	8.2	1245	6.29	3.21	4.18	.13	.00	5.87	5.45	2.03	.58		--	813	182	1.9						
							46	23	30	1		42	39	15	4											
05/04/73	1101		8.8	52.0F			135	40	95	4.0	0	339	277	77	38.4	--	--									
0545	1101		80	11.1C	8.1	1360	6.74	3.29	4.13	.10	.00	5.56	5.77	2.17	.62		--	833	224	1.8						
							47	23	29	1		39	41	15	4											
06/04/73	1101		7.5	60.0F			179	55	119	4.0	0	417	434	77	37.9	--	--									
0600	1101		75	15.5C	8.2	1600	8.93	4.52	5.18	.10	.00	6.83														

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER			TDS SUM	CHL	TURB SAR	REMARKS
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	SI02					
.....																							
22		SANTA CLARA RIVER AT HWY 99										CONTINUED											
09/06/73	1101		7.8	60.0F			150	50	110	5.0	0	400	345	74	38.2	--	--			581			
0540	1101		78	15.5C	8.1	1420	7.49	4.11	4.79	.13	.00	6.56	7.18	2.09	.62	--	--	969	252	2.0			
							45	25	29	1		40	44	13	4								
22		SESPE CREEK NEAR FILLMORE																					
11/28/72	5050		10.0	58.0F	8.1	1180	--	--	--	--	--	--	341	78	--	--	--	794	444	1A			
1345	5050	18	98	14.4C									7.10	2.20		--	--						
01/30/73	5050		10.4	51.0F	8.2	1000	--	--	--	--	--	--	127	37	--	--	--	737	444	8A			
1230	5050	59	93	10.5C									6.81	1.04		--	--						
04/24/73	5050		9.2	67.0F	8.4	725	--	--	--	--	--	--	242	17	--	--	--	584	356	2A			
1315	5050	115	99	19.4C									5.04	.48		--	--						
07/24/73	5050		11.4	74.0F	8.2	875	--	--	--	--	--	--	250	47	--	--	--	618	323	1A			
1030	5050	9.2	133	23.3C									5.21	1.33		--	--						
22		PIRU CREEK BELOW SANTA FELICIA DAM																					
04/24/73	5050		11.4	54.0F	8.0	800	95	33	57	4.2	0	164	110	28	2.8	.72	.6	654	372	3A			
1400	5050	67	106	12.2C	8.0	936	4.74	2.71	2.48	.11	.00	2.69	6.45	.79	.05	--	--	611	238	1.3			
							47	27	25	1		27	65	8	1								
07/24/73	5050	3.03	10.5	59.0F	7.7	850	88	34	56	3.6	0	170	289	29	2.4	.64	.6	613	359	3A			
1130	5050	192	104	15.0C	8.0	904	4.39	2.80	2.44	.09	.00	2.79	6.02	.82	.04	--	--	586	220	1.3			
							45	29	25	1		29	62	8									
07/31/73	5411						88	35	54	--	0	185	264	33	.0	.70	.8	566	365	1.2			
5867	5867				7.6	915	4.39	2.88	2.35	--	.00	3.03	5.50	.93	.00	--	--		212				
							46	30	24			32	58	10									
22		PIRU LAKE NEAR PIRU																					
03/20/73	5411						86	27	53	--	0	163	232	34	.0	.60	.7		325				
5867	5867				7.7	883	4.29	2.22	2.31	--	.00	2.67	4.83	.96	.00	--	--	513	192	1.3			
							49	25	26			32	57	11									
05/31/73	5411						--	--	--	--	--	--	--	--	--	--	--	670*					
1500	5867					833																	
07/02/73	5411						90	40	60	--	0	174	319	33	.0	.80	.7		389				
5867	5867				7.3	922	4.49	3.29	2.61	--	.00	2.85	6.64	.93	.00	--	--	628	247	1.3			
							43	32	25			27	64	9									
07/31/73	5411						88	41	60	--	0	174	312	33	.0	.70	.8		389				
5867	5867				7.7	995	4.39	3.37	2.61	--	.00	2.85	6.50	.93	.00	--	--	620	246	1.3			
							42	32	25			28	63	9									
09/04/73	5411						102	40	65	--	0	181	337	37	.0	.80	.7		419				
1130	5867				7.7	1017	5.09	3.29	2.83	--	.00	2.97	7.02	1.04	.00	--	--	671	271	1.4			
							45	29	25			27	64	9									
23		SANTA CLARA RIVER AT L.A.-VENTURA CO. LINE																					
11/28/72	5050		9.2	62.0F	8.1	1250	--	--	--	--	--	--	161	67	--	--	--	815	474	33A			
1500	5050	150E	94	16.7C									7.52	1.89		--	--						
01/30/73	5050		9.0	58.0F	8.1	1600	--	--	--	--	--	--	522	74	--	--	--	1161	637	20A			
1415	5050	150E	88	14.4C									10.87	2.09		--	--						
04/24/73	5050		7.6	78.0F	8.3	1450	--	--	--	--	--	--	493	74	--	--	--	1198	621	96A			
1515	5050	60E	92	25.5C									10.26	2.09		--	--						
07/27/73	5050		7.7	87.0F	8.2	1500	--	--	--	--	--	--	469	70	--	--	--	1193	625	21A			
1300	5050	30E	102	30.5C									9.76	1.97		--	--						
25		MALIBU CREEK AT PACIFIC COAST HWY																					
10/04/72	1101		5.7	61.0F			186	93	176	4.0	0	425	667	133	.0	--	--		851				
0725	1101		58	16.1C	8.3	2040	9.28	7.65	7.66	.10	.00	6.97	13.89	3.75	.00	--	--	1468	498	2.6			
							38	31	31			28	56	15									
11/02/72	1101		8.8	51.0F			173	91	202	5.0	0	407	684	138	6.3	--	--		808				
0645	1101		79	10.5C	8.2	2140	8.63	7.48	8.79	.13	.00	6.67	14.24	3.89	.10	--	--	1499	472	3.1			
							34	30	35	1		27	57	16									
12/01/72	1101		8.6	48.0F			163	86	164	4.0	0	377	584	133	15.0	--	--		761				
0645	1101		74	8.9C	8.3	2040	8.13	7.07	7.13	.10	.00	6.18	12.16	3.75	.24	--	--	1334	451	2.6			
							36	32	32			28	54	17	1								
01/03/73	1101		10.2	44.0F			165	80	159	5.0	19	367	558	108	59.6	--	--		742				
0730	1101		83	6.7C	8.5	2000	8.23	6.58	6.92	.13	.63	6.02	11.62	3.05	.96	--	--	1334	408	2.5			
							38	30	32	1		27	52	14	4								
02/06/73	1101			53.0F			--	--	--	--	--	--	--	--	--	--	--						
0630	1101			11.7C	8.1	873										--	--						
03/07/73	1101		7.9	53.0F			84	45	80	3.0	4.0	276	244	54	16.4	--	--		394				
0750	1101		73	11.7C	8.4	935	4.19	3.70	3.48	.08	.13	4.52	5.08	1.52	.26	--	--	666	162	1.8			
							37	32	30	1	1	39	44	13	2								
04/05/73	1101		11.4	55.0F			108	51	89	3.0	0	321	315	55	12.2	--	--		480				
0720	1101		107	12.8C	8.3	1260	5.39	4.19	3.87	.08	.00	5.26	6.56	1.55	.20	--	--	791	216	1.8			
							40	31	29	1		39	48	11	1								
05/04/73	1101		7.4	59.0F			121	62	113	3.0	0	376	377	66	8.9	--	--		558				
0730	1101		73	15.0C	8.1	1460	6.04	5.10	4.92	.08	.00	6.16	7.85	1.86	.14	--	--	936	249	2.1			
							37	32	30			38	49	12	1								

SEE PAGE 28 FOR KEY TO TERMS AND ABBREVIATIONS



## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER EQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REMARKS				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR						
75 1020.10 MALIBU CREEK AT PACIFIC COAST HWY CONTINUED																									
06/04/73	1101		6.2	64.0F		149	74	128	4.0	0	375	501	90	13.2	--	--			676						
0725	1101		65	17.8C	8.3 1690	7.44	6.89	5.57	.10	.00	6.15	10.43	2.54	.21	--	--	1144		369	2.1					
						39	32	24	1		32	54	13	1											
07/03/73	1101		3.6	64.0F		153	72	145	4.0	0	379	504	101	9.7	--	--			678						
0720	1101		38	17.8C	7.9 1840	7.63	5.92	6.31	.10	.00	6.21	10.49	2.85	.16	--	--	1175		367	2.4					
						38	30	32	1		32	53	14	1											
08/01/73	1101		1.5	65.0F		146	82	147	4.0	0	388	527	100	.0	--	--			704						
0725	1101		16	18.3C	8.2 1740	7.29	6.74	6.39	.10	.00	6.36	10.97	2.82	.00	--	--	1197		384	2.4					
						36	33	31			32	54	14												
09/06/73	1101		3.0	65.0F		154	95	153	4.0	0	393	507	105	.0	--	--			776						
0700	1101		32	18.3C	8.1 1830	7.68	7.81	6.66	.10	.00	6.44	12.22	2.96	.00	--	--	1291		453	2.4					
						35	35	30			30	57	14												
75 2150.00 TOPANGA CREEK ABOVE PACIFIC COAST HWY																									
10/04/72	1101		8.8	60.0F		104	52	164	4.0	0	319	418	119	.0	--	--			474						
0800	1101		88	15.5C	8.3 1590	5.19	4.28	7.13	.10	.00	5.23	8.70	3.36	.00	--	--	1018		212	3.3					
						31	26	43	1		30	50	19												
11/02/72	1101		10.0	50.0F		103	50	165	4.0	0	325	412	116	.0	--	--			463						
0710	1101		88	10.0C	8.3 1680	5.14	4.11	7.18	.10	.00	5.33	8.58	3.27	.00	--	--	1010		196	3.3					
						31	25	43	1		31	50	19												
12/01/72	1101		9.5	49.0F		122	48	166	4.0	0	323	417	125	.0	--	--			503						
0705	1101		83	9.4C	8.3 1650	6.09	3.95	7.22	.10	.00	5.29	8.68	3.53	.00	--	--	1041		238	3.2					
						35	23	42	1		30	50	20												
01/03/73	1101		10.4	43.0F		110	52	156	4.0	0	322	391	110	.0	--	--			487						
0800	1101		84	6.1C	8.3 1590	5.49	4.28	6.79	.10	.00	5.28	8.14	3.10	.00	--	--	981		225	3.1					
						33	26	41	1		32	49	19												
02/06/73	1101		50.0F			--	--	--	--	--	--	--	--	--	--	--	--								
0645	1101		10.0C	8.1 560											--	--									
03/07/73	1101		9.0	48.0F		103	42	81	4.0	0	270	314	48	10.3	--	--			430						
0730	1101		77	8.9C	8.3 1150	5.14	3.45	3.52	.10	.00	4.43	6.54	1.35	.17	--	--	735		208	1.7					
						42	28	29	1		35	52	11	1											
04/05/73	1101		11.4	53.0F		135	68	120	4.0	0	357	444	78	6.2	--	--			616						
0745	1101		105	11.7C	8.4 1420	6.74	5.59	5.22	.10	.00	5.85	9.24	2.20	.10	--	--	1031		324	2.1					
						38	32	30	1		34	53	13	1											
05/04/73	1101		8.7	56.0F		131	70	136	4.0	0	343	472	91	.0	--	--			616						
0710	1101		83	13.3C	8.2 1660	6.54	5.76	5.92	.10	.00	5.62	9.83	2.57	.00	--	--	1073		334	2.4					
						36	31	32	1		31	55	14												
06/04/73	1101		8.2	62.0F		126	70	128	4.0	0	318	476	101	.0	--	--			601						
0705	1101		84	16.7C	8.2 1610	6.29	5.76	5.57	.10	.00	5.21	9.91	2.85	.00	--	--	1061		347	2.3					
						35	33	31	1		29	55	16												
07/03/73	1101		6.8	60.0F		113	65	127	4.0	0	315	384	110	3.3	--	--			553						
0800	1101		68	15.5C	8.0 1490	5.64	5.35	5.52	.10	.00	5.16	7.99	3.10	.05	--	--	961		292	2.4					
						34	32	33	1		32	49	19												
08/01/73	1101		6.2	61.0F		120	52	120	5.0	0	318	335	104	.0	--	--			513						
0700	1101		63	16.1C	8.1 1380	5.99	4.28	5.22	.13	.00	5.21	6.97	2.93	.00	--	--	892		253	2.3					
						38	27	33	1		34	48	19												
09/04/73	1101		8.3	62.0F		103	60	115	4.0	0	320	328	111	.0	--	--			503						
0800	1101		85	16.7C	8.3 1360	5.14	4.93	5.00	.10	.00	5.24	6.83	3.13	.00	--	--	878		242	2.2					
						34	32	33	1		34	45	21												
75 3200.10 BALLONA CREEK AT LINCOLN BLVD																									
10/18/72	1101		2.7	61.0F		332	924	7800	267	0	208	2011	13700	.0	--	--			4640						
0710	1101		27	16.1C	8.0 40300	16.57	75.99339	30	6.83	.00	3.41	41.87386	34	.00	--	--	25136		4461	49.7					
						4	17	77	2		1	10	90												
12/15/72	1101		6.2	48.0F		200	357	3040	99	0	292	789	5360	1.2	--	--			1970						
0615	1101		53	8.9C	7.8 17400	9.98	29.36132	24	2.53	.00	4.79	16.43151	15	.02	--	--	9990		1729	29.8					
						6	17	76	1		3	10	88												
01/15/73	1101		4.4	59.0F		237	440	3670	133	0	291	958	6670	3.6	--	--			2400						
0655	1101		43	15.0C	7.8 21600	11.83	36.19159	65	3.40	.00	4.77	19.95188	09	.06	--	--	12255		2164	32.6					
						6	17	76	2		2	9	88												
02/20/73	1101		4.5	58.0F		297	731	6020	232	0	252	1540	10700	5.4	--	--			3750						
0610	1101		44	14.4C	8.0 32700	14.82	60.12261	87	5.93	.00	4.13	32.06301	74	.09	--	--	19649		3543	42.8					
						4	18	76	2		1	9	89												
03/21/73	1101		5.8	54.0F		181	424	3440	134	0	164	900	6130	3.8	--	--			2200						
0540	1101		54	12.2C	8.1 19800	9.03	34.87149	64	3.43	.00	2.69	18.74172	87	.06	--	--	11293		2062	31.9					
						5	18	76	2		1	10	89												
04/19/73	1101		2.7	59.0F		237	431	3520	128	0	284	983	6260	3.8	--	--			2370						

#### MINERAL ANALYSES OF SURFACE WATER

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## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	MC03	CO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR		
25 3300.00 BALLONA CREEK NR CULVER CITY (AT SAWTELLE BLVD) CONTINUED																					
03/21/73 0610	1101 1101			8.3 74	51.0F 10.5C	8.3 2100	100 4.99	47 3.87	283 12.31	6.0 .15	0 .00	370 6.06	221 4.60	366 10.32	19.0 .31	-- --	-- --	1224	447 140	5.9	
04/19/73 0610	1101 1101			6.5 62	56.0F 13.3C	8.6 2670	78 3.89	28 2.30	405 17.62	9.0 .23	30 1.00	351 5.75	263 5.48	425 11.99	10.4 .17	-- --	-- --	1421	312 0	10.0	
05/18/73 0715	1101 1101			5.0 51	62.0F 16.7C	8.1 2500	100 4.99	41 3.37	373 16.23	10 .26	0 .00	376 6.16	270 5.62	458 12.92	16.1 .26	-- --	-- --	1453	419 110	7.9	
06/18/73 0600	1101 1101			5.5 57	63.0F 17.2C	8.2 2170	97 4.84	41 3.37	320 13.92	8.0 .20	0 .00	392 6.42	196 4.08	425 11.99	10.2 .16	-- --	-- --	1290	412 90	6.9	
07/17/73 0605	1101 1101			4.1 42	62.5F 16.9C	8.3 2420	84 4.19	41 3.37	354 15.40	9.0 .23	0 .00	317 5.20	273 5.68	433 12.21	10.1 .16	-- --	-- --	1360	381 118	7.9	
08/15/73 0620	1101 1101			7.4 82	69.0F 20.5C	8.1 3860	97 4.84	51 4.19	642 27.93	11 .28	0 .00	311 5.10	152 3.16	988 27.86	9.2 .15	-- --	-- --	2103	419 197	13.1	
09/20/73 0710	1101 1101			5.4 56	64.0F 17.8C	8.2 2790	96 4.79	44 3.62	432 18.79	9.0 .23	0 .00	339 5.56	168 3.50	627 17.68	17.0 .27	-- --	-- --	1560	420 143	9.2	
25 3400.00 BALLONA CREEK AT CURSON ST																					
10/18/72 0750	1101 1101			6.4 67	64.0F 17.8C	8.6 1700	99 4.94	32 2.63	232 10.09	6.0 .15	27 .90	299 4.90	232 4.83	246 6.94	13.9 .22	-- --	-- --	1035	379 89	5.2	
12/15/72 0730	1101 1101			9.8 82	46.0F 7.8C	8.0 1420	91 4.54	32 2.63	144 6.26	5.0 .13	0 .00	347 5.69	250 5.21	98 2.76	2.0 .03	-- --	-- --	793	359 74	3.3	
01/15/73 0735	1101 1101			7.4 73	59.0F 15.0C	8.4 1110	84 4.19	34 2.80	100 4.35	4.0 .10	22 .73	324 5.31	143 2.98	87 2.45	10.2 .16	-- --	-- --	644	348 48	2.3	
02/20/73 0710	1101 1101			9.9 94	56.0F 13.3C	8.4 1430	103 5.14	49 4.03	138 6.00	4.0 .10	16 .53	429 7.03	192 4.00	106 2.99	17.3 .28	-- --	-- --	836	458 81	2.8	
03/21/73 0715	1101 1101			8.5 78	53.0F 11.7C	8.3 1250	88 4.39	39 3.21	121 5.26	4.0 .10	0 .00	346 5.67	192 4.00	106 2.99	20.0 .32	-- --	-- --	740	379 97	2.7	
04/19/73 0725	1101 1101			12.1 122	61.0F 16.1C	8.9 1320	89 4.44	37 3.04	144 6.26	5.0 .13	48 1.60	237 3.88	247 5.14	110 3.10	10.9 .18	-- --	-- --	807	375 100	3.2	
05/18/73 0755	1101 1101			8.6 88	62.0F 16.7C	8.3 1150	80 3.99	33 2.71	122 5.31	5.0 .13	0 .00	259 4.25	266 5.54	87 2.45	20.0 .32	-- --	-- --	740	336 121	2.9	
06/18/73 0770	1101 1101			8.3 88	65.0F 18.3C	8.3 1100	80 3.99	31 2.55	119 5.18	5.0 .13	0 .00	315 5.16	202 4.21	84 2.37	16.1 .26	-- --	-- --	692	325 69	2.9	
07/17/73 0720	1101 1101			7.8 83	65.5F 18.6C	8.7 1640	82 4.09	36 2.96	224 9.74	5.0 .13	27 .90	242 3.97	240 5.00	243 6.85	15.5 .25	-- --	-- --	991	356 109	5.2	
08/15/73 0545	1101 1101			5.4 60	69.0F 20.5C	8.2 1250	93 4.64	20 1.64	159 6.92	8.0 .20	0 .00	453 7.42	137 2.85	108 3.05	6.1 .10	-- --	-- --	754	333 0	1.9	
09/20/73 0745	1101 1101			5.9 62	65.0F 18.3C	8.2 1130	78 3.89	28 2.30	144 6.26	10 .26	0 .00	436 7.15	106 2.21	121 3.41	.0 .00	-- --	-- --	701	311 0	1.6	
76 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY																					
10/04/72 0945	5239 5239			5.1 56	68.0F 20.0C	7.4	901 44.96	575 47.29	6000 261.00	-- .00	0 .00	161 2.64	1393 29.00	10050 283.41	.4 .01	-- --	-- --	20151* 18999	4616 4484	38.4	
11/01/72 1050	5239 5239			0.6 6	60.0F 15.5C	7.5	1291 64.42	800 65.79	8000 348.00	-- .00	0 .00	175 2.87	1760 36.64	13092 369.19	.0 .00	-- --	-- --	24453* 25029	6516 6372	43.1	
12/06/72 1000	5239 5239			6.7 62	54.0F 12.2C	7.1	136 6.83	220 18.09	2300 100.05	-- .00	0 .00	125 2.05	607 12.64	3605 101.66	7.1 .11	-- --	-- --	680* 6938	1247 1144	28.3	T
01/03/73 0915	5239 5239			1.0 9	55.0F 12.8C	7.4	1231 61.43	800 65.79	8500 369.75	-- .00	0 .00	163 2.67	1997 41.58	15720 43.30	.0 .00	-- --	-- --	29624* 28328	6366 6232	46.4	
04/04/73 0945	5239 5239			7.0 68	58.0F 14.4C	8.4	191 9.55	360 29.61	3300 143.55	-- .33	10 .33	162 2.66	887 18.48	4628 103.52	6.1 .10	-- --	-- --	10291* 9463	1959 1810	32.4	
05/02/73 0950	5239 5239			3.8 38	59.0F 15.0C	7.8	334 16.67	395 32.48	3430 149.21	-- .00	0 .00	155 2.54	990 20.63	5947 167.71	4.2 .07	-- --	-- --	12343* 11177	2460 2332	30.1	
06/06/73 1115	5239 5239			2.7 32	75.2F 24.0C	7.2	1048 52.34	1040 85.53	6700 3291.45	-- .00	0 .00	160 2.62	1585 33.02	13148 370.77	1.3 .02	-- --	-- --	26455* 23603	6899 6768	35.1	
07/11/73 1045	5239 5239			1.6 17	68.0F 20.0C	8.0	116 5.83	100 8.22	1000 43.50	-- .00	8 .00	160 2.62	462 9.63	1686 47.55	4.4 .07	-- --	-- --	3688* 3449	703 572	16.4	



TABLE D-2 (CONT)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3		B	F	TDS SUM	TH NCH	TURB SAR					
26 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY CONTINUED																									
08/01/73	5239		3.5	62.0F		1287	840	8350	--	0	129	1554	13960	4.4	--	--	26679*	6670							
1115	5239		36	16.7C	7.6	64.22	69.08	363.23		.00	2.11	32.35	393.67	.07	--	--	26059	6565	44.5						
						13	14	73				8	92												
09/05/73	5239		0.9	69.8F		190	380	2900	--	0	214	738	4710	5.3	--	--	9066*	2039							
1000	5239		10	21.0C	8.0	9.50	31.25	126.15		.00	3.51	15.37	132.82	.09	--	--	9029	1863	27.9						
						5	19	76			2	10	88												
26 1120.10 LOS ANGELES RIVER AT WILLOW STREET																									
10/04/72	1101		3.5	63.0F		93	28	149	10	0	280	276	117	11.0	--	--		347							
0620	1101		36	17.2C	8.5	1450	4.64	2.30	6.48	.26	.00	4.59	5.75	3.30	.18	--	--	822	118	3.5					
						34	17	47	2			33	42	24	1										
11/02/72	1101		6.4	52.0F		108	32	143	10	0	313	279	121	12.0	--	--		404							
0635	1101		58	11.1C	8.3	1430	5.39	2.63	6.22	.26	.00	5.13	5.81	3.41	.19	--	--	859	145	3.1					
						37	18	43	2			35	40	23	1										
12/01/72	1101		7.7	17.0F		103	31	132	9.0	0	255	291	114	21.2	--	--		385							
0720	1101		85	8.3C	8.0	1370	5.14	2.55	5.74	.23	.00	4.18	6.06	3.21	.34	--	--	827	176	2.9					
						38	19	42	2			30	44	23	2										
01/03/73	1101		6.4	45.0F		105	31	140	10	6.0	260	275	108	23.0	--	--		389							
0700	1101		53	7.2C	8.4	1440	5.24	2.55	6.09	.26	.20	4.26	5.73	3.05	.37	--	--	826	167	3.1					
						37	18	43	2	1		31	42	22	3										
03/07/73	1101		7.8	51.0F		26	6.0	23	3.0	0	81	50	15	7.8	--	--		91							
0545	1101		70	10.5C	7.7	306	1.30	.49	1.00	.08	.00	1.33	1.04	.42	.13	--	--	171	23	1.1					
						45	17	35	3			46	36	14	4										
04/05/73	1101		8.4	51.0F		105	39	133	8.0	35	153	309	131	15.2	--	--		423							
0640	1101		75	10.5C	9.0	1410	5.24	3.21	5.79	.20	1.17	2.51	6.43	3.89	.25	--	--	850	239	2.8					
						36	22	40	1	8		18	46	26	2										
05/04/73	1101		5.4	63.0F		85	40	144	8.0	58	130	283	142	2.6	--	--		377							
0700	1101		56	17.2C	9.0	1300	4.24	3.29	6.26	.20	1.93	2.13	5.89	4.00	.04	--	--	827	174	3.2					
						30	24	45	1	14		15	42	29											
05/23/73	5050		7.3	60.0F		--	--	--	--	--	--	267	135	--	--	--	--	853	376	7A					
0800	5050	32	73	15.5C	8.2	1400						5.56	3.81												
06/04/73	1101		5.0	65.0F		85	32	128	7.0	43	150	252	126	8.6	--	--		343							
0555	1101		53	18.3C	9.0	1210	4.24	2.63	5.57	.18	1.43	2.46	5.25	3.55	.14	--	--	755	149	3.0					
						34	21	44	1	11		19	41	28	1										
07/03/73	1101		3.3	68.5F		89	37	147	9.0	24	217	270	137	5.8	--	--		377							
0630	1101		36	20.3C	8.6	1320	4.44	3.04	6.39	.23	.80	3.56	5.62	3.86	.09	--	--	825	156	3.3					
						31	22	45	2	6		26	40	28	1										
08/01/73	1101		2.7	70.0F		94	38	147	8.0	5.0	256	282	138	4.7	--	--		391							
0645	1101		30	21.1C	8.4	1340	4.69	3.13	6.39	.20	1.7	4.20	5.87	3.89	.08	--	--	843	173	3.2					
						33	22	44	1	1		30	41	27	1										
09/06/73	1101		4.4	64.0F		102	32	139	9.0	0	263	275	132	15.1	--	--		391							
0545	1101		46	17.8C	8.2	1330	5.09	2.63	6.05	.23	.00	4.31	5.73	3.72	.24	--	--	833	171	3.1					
						36	19	43	2			31	41	27	2										
09/27/73	5050		7.2	63.0F		--	--	--	--	--	--	278	132	--	--	--	--	859	388	8A					
0730	5050	23	74	17.2C	8.5	1300						5.79	3.72												
26 1250.00 LOS ANGELES RIVER AT FIRESTONE BLVD																									
10/04/72	1101		5.7	60.0F		107	34	140	9.0	0	302	284	128	19.2	--	--		408							
0700	1101		57	15.5C	8.2	1400	5.34	2.80	6.09	.23	.00	4.95	5.91	3.61	.31	--	--	870	160	3.0					
						37	19	42	2			33	40	24	2										
11/02/72	1101		8.1	50.0F		109	37	147	9.0	0	281	310	136	21.2	--	--		424							
0705	1101		72	10.0C	8.1	1480	5.44	3.04	6.39	.23	.00	4.61	6.45	3.84	.34	--	--	907	194	3.1					
						36	20	42	2			30	42	25	2										
12/01/72	1101		11.2	19.0F		103	34	131	7.0	0	260	273	134	22.7	--	--		399							
0620	1101		98	9.4C	7.8	1420	5.14	2.80	5.70	.18	.00	4.26	5.68	3.78	.37	--	--	833	184	2.9					
						37	20	41	1			30	40	27	3										
01/03/73	1101		7.5	46.0F		99	33	138	8.0	0	264	275	120	21.7	--	--		382							
0735	1101		63	7.8C	3.3	1410	4.94	2.71	6.00	.20	.00	4.33	5.73	3.38	.35	--	--	825	166	3.1					
						36	20	43	1			31	42	25	3										
02/06/73	1101		55.0F			--	--	--	--	--	--	--	--	--	--	--	--								
0600	1101		12.8C	7.3	111																				
04/05/73	1101		10.5			115	42	125	7.0	32	194	327	128	15.7	--	--		462							
0715	1101				8.6	1470	5.74	3.45	5.44	.18	1.07	3.18	6.81	3.61	.25	--	--	887	247	2.5					
						39	23	37	1	7		21	46	24	8										
05/04/73	1101		8.0			105	38	137	7.0	0	296	273	127	6.6	--	--		420							
0600	1101				7.9	1340	5.24	3.13	5.96	.18	.00	4.85	5.68	3.58	.11	--	--	839	176	2.9					
						36	22	41	1			34	40	25	1										
06/04/73	1101		5.9			89	23	182	8.0	0	214	332	144	9.3	--	--		318							

## MINERAL ANALYSES OF SURFACE WATER

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TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	TURB SAR		
76 1316.10 LOS ANGELES RIVER AT LOS FELIZ BLVD																					
10/04/72	1101		2.3	63.0F		92	27	117	10	0	262	236	94	27.3	--	--		343			
0515	1101		24	17.2C	8.0	1170	4.59	2.22	5.09	.26	.00	4.29	4.91	2.65	.44	--	732	126	2.8		
							38	18	42	2	35	40	22	4							
11/02/72	1101		7.3	50.0F		95	27	104	10	0	244	220	90	21.6	--	--		347			
0700	1101		64	10.0C	8.1	1210	4.74	2.22	4.52	.26	.00	4.00	4.58	2.54	.35	--	688	148	2.4		
							40	19	39	2	35	40	22	3							
12/01/72	1101		5.8	47.0F		89	22	118	11	0	188	255	106	37.0	--	--		314			
0530	1101		49	8.3C	7.8	1240	4.44	1.81	5.13	.28	.00	3.08	5.31	2.99	.60	--	730	159	2.9		
							38	16	44	2	26	44	25	5							
01/03/73	1101		7.1	50.0F		72	23	108	10	0	230	199	82	18.7	--	--		273			
0700	1101		63	10.0C	8.1	1130	3.59	1.89	4.70	.26	.00	3.77	4.14	2.31	.30	--	626	86	2.8		
							34	18	45	2	36	39	22	3							
02/06/73	1101		52.0F			--	--	--	--	--	--	--	--	--	--	--					
0530	1101		11.1C		7.2	121															
03/07/73	1101		9.1	52.0F		46	13	31	4.0	8	87	112	26	10.1	--	--		166			
0710	1101		82	11.1C	7.9	490	2.30	1.07	1.35	.10	.00	1.43	2.33	.73	.16	--	285	97	1.0		
							48	22	28	2	31	50	16	3							
04/05/73	1101		6.9	48.0F		103	37	118	9.0	0	210	312	114	18.6	--	--		415			
0520	1101		59	8.9C	8.1	1380	5.14	3.04	5.13	.23	.00	3.44	6.50	3.21	.30	--	815	237	2.5		
							38	22	38	2	26	48	24	2							
05/04/73	1101		5.9	58.0F		95	34	124	9.0	0	226	270	124	21.8	--	--		380			
0730	1101		58	14.4C	8.1	1290	4.74	2.80	5.39	.23	.00	3.70	5.62	3.50	.35	--	789	192	2.8		
							36	21	41	2	28	43	27	3							
06/04/73	1101		5.3	62.0F		82	29	109	10	0	270	189	103	30.7	--	--		325			
0530	1101		54	16.7C	8.2	1150	4.09	2.38	4.74	.26	.00	4.43	3.93	2.90	.50	--	685	102	2.6		
							36	21	41	2	38	33	25	4							
07/03/73	1101		5.4	66.0F		93	32	111	9.0	0	232	262	97	17.2	--	--		365			
0630	1101		58	18.9C	7.9	1160	4.64	2.63	4.83	.23	.00	3.80	5.45	2.74	.28	--	735	174	2.5		
							38	21	39	2	31	44	22	2							
08/01/73	1101		6.4	70.0F		91	32	109	9.0	0	216	257	96	16.1	--	--		360			
0730	1101		71	21.1C	8.2	1130	4.54	2.63	4.74	.23	.00	3.54	5.35	2.71	.26	--	716	182	2.5		
							37	22	39	2	30	45	23	2							
09/06/73	1101		6.2	60.0F		89	32	100	10	0	265	221	76	28.0	--	--		354			
0630	1101		62	15.5C	8.0	1080	4.44	2.63	4.35	.26	.00	4.34	4.60	2.14	.45	--	686	137	2.3		
							38	23	37	2	38	40	19	4							
76 1365.00 LOS ANGELES RIVER AT TUJUNGA AVE																					
10/04/72	1101		7.4	59.0F		96	33	96	8.0	0	317	221	83	4.7	--	--		377			
0540	1101		73	15.0C	8.2	1130	4.79	2.71	4.18	.20	.00	5.20	4.60	2.34	.08	--	698	115	2.2		
							40	23	35	2	43	38	19	1							
11/02/72	1101		9.7	45.0F		117	36	105	7.0	0	286	103	100	8.4	--	--		439			
0640	1101		80	7.2C	8.2	1450	5.84	2.96	4.57	.18	.00	4.69	6.31	2.82	.14	--	817	206	2.2		
							43	22	34	1	34	45	20	1							
12/01/72	1101		7.3	45.0F		128	47	121	7.0	0	336	361	93	11.5	--	--		515			
0605	1101		80	7.2C	8.2	1460	6.39	3.87	5.26	.18	.00	5.51	7.52	2.62	.19	--	934	238	2.3		
							41	25	34	1	35	47	17	1							
01/03/73	1101		8.9	48.0F		115	42	93	6.0	9.0	265	116	76	14.2	--	--		458			
0700	1101		77	8.9C	8.4	1230	5.74	3.45	4.05	.15	.30	4.34	6.58	2.14	.23	--	802	228	1.9		
							43	26	30	1	32	48	16	2							
02/06/73	1101		52.0F			--	--	--	--	--	--	--	--	--	--	--					
0600	1101		11.1C		7.2	181															
03/07/73	1101		9.7	50.0F		57	18	41	3.0	0	120	154	34	7.1	--	--		216			
0645	1101		86	10.0C	8.1	614	2.84	1.48	1.78	.08	.00	1.97	3.21	.96	.11	--	373	118	1.2		
							46	24	29	1	32	51	15	2							
04/05/73	1101		8.3	48.0F		135	55	118	9.0	0	279	413	128	12.1	--	--		562			
0550	1101		71	8.9C	8.2	1670	6.74	4.52	5.13	.23	.00	4.57	8.60	3.61	.20	--	1007	335	2.2		
							41	27	31	1	27	51	21	1							
05/04/73	1101		6.9	61.0F		115	43	139	7.0	0	243	336	155	7.7	--	--		467			
0800	1101		70	16.1C	8.1	1470	5.74	3.54	6.05	.18	.00	3.98	7.00	4.37	.12	--	922	265	2.8		
							37	23	39	1	26	45	28	1							
06/04/73	1101		6.7			123	39	129	6.0	0	296	324	124	10.8	--	--		467			
0600	1101				8.1	1420	6.14	3.21	5.61	.15	.00	4.85	6.75	3.50	.17	--	901	225	2.6		
							41	21	37	1	32	44	23	1							
07/03/73	1101		5.3	65.0F		112	32	99	8.0	0	262	271	90	6.4	--	--		412			
0540	1101		56	18.3C	7.8	1190	5.59	2.63	4.31	.20	.00	4.29	5.64	2.54	.10	--	747	197	2.1		
							44	21	34	2	34	45	20	1							
08/01/73	1101		6.4	67.0F		97	39	93	7.0	0	260	261	79	.8	--	--		403			
0710	1101		69	19.4C	8.1	1100	4.84	3.21	4.05	.18	.00	4.26	5.43	2.23	.00	--	704	190	2.0		
							39	26	33	1	36	46	19								
09/06/73	1101		7.6	60.0F		107	41	92	6.0	0	299	264	79	10.7	--	--		436			
0600	1101		76	15.5C	8.2	1160	5.34	3.37	4.00	.15	.00	4.90	5.50	2.23	.17	--	747	191	1.9		
							42	26	31	1	38	43	17	1							
76 1850.05 LOS ANGELES AQUEDUCT NEAR SAN FERNANDO																					
10/16/72	1200		9.6	71.6F	7.9		25	5.1	33	3.7	--	--	21	17	1.2	.44	.6		83		
	1200		109	22.0C	8.3	319	1.25	.42	1.44	.09	--	--	.44	.48	.02	--	26.0		1.6		
							39	13	45	3											
11/14/72	1200																				



TABLE D-2 (CONT)

MINERAL ANALYSES OF SURFACE WATER																				
DATE TIME	SAMPLER LAB	G.M. O DEPTH	DC SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REMARKS
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR	
.....																				
26 1850.05 LOS ANGELES AQUEDUCT NEAR SAN FERNANDO CONTINUED																				
12/26/72	1200		12.6	48.2F	8.9	26	5.6	32	3.5	--	--	27	15	.5	.48	.5		89		
	1200		109	9.0C	8.2	330	1.30	.46	1.39	.09		.56	.42	.01	.25			1.5		
							40	14	43	3										
01/15/73	1200		13.4	44.6F	8.2	26	5.4	32	3.3	--	--	30	14	.3	.37	.5		88		
	1200		110	7.0C	8.2	330	1.30	.44	1.39	.08		.62	.39	.00	.26			1.5		
							40	14	43	2										
02/20/73	1200		12.4	48.2F	8.5	27	5.4	33	3.3	--	--	36	15	.9	.38	.5		90		
	1200		107	9.0C	8.3	338	1.35	.44	1.44	.08		.75	.42	.01	.26			1.5		
							41	13	44	2										
03/19/73	1200		12.0	51.8F	8.6	30	6.3	40	3.7	--	--	37	16	.9	.46	.5		100		
	1200		108	11.0C	8.2	381	1.50	.52	1.74	.09		.77	.45	.01	.26			1.7		
							39	14	45	2										
04/16/73	1200		11.4	55.4F	8.2	29	6.1	39	3.8	--	--	39	19	1.0	.50	.5		98		
	1200		108	13.0C	8.0	388	1.45	.50	1.70	.10		.81	.54	.02	.28			1.7		
							39	13	45	3										
05/21/73	1200		9.8	66.2F	8.2	26	5.1	37	4.2	--	--	29	18	1.0	.48	.6		85		
	1200		105	19.0C	8.2	356	1.30	.42	1.61	.11		.60	.51	.02	.26			1.7		
							38	12	47	3										
06/18/73	1200		9.4	68.0F		18	3.4	24	1.9	--	--	23	9.9	.7	.32	.6		60		
	1200		103	20.0C	8.3	246	.90	.28	1.04	.05		.48	.28	.01	.19			1.4		
							40	12	46	2										
07/16/73	1200		9.2	73.4F	8.2	16	2.4	19	1.2	--	--	23	6.0	.7	.21	.3		51		
	1200		106	23.0C	8.2	204	.80	.20	.83	.03		.48	.17	.01	.14			1.2		
							43	11	45	2										
08/20/73	1200		9.0	73.4F	8.2	20	2.9	25	2.5	--	--	24	8.9	.3	--	.5		62		
	1200		104	23.0C	8.3	249	1.00	.24	1.09	.06		.50	.25	.00	.16			1.4		
							42	10	46	1										
09/17/73	1200		8.0	69.8F	8.2	21	3.2	28	2.9	--	--	19	12	1.1	--	.5		65		
	1200		89	21.0C	8.1	272	1.05	.26	1.22	.07		.40	.34	.02	.20			1.5		
							40	10	47	3										
26 3025.10 DOMINGUEZ CHANNEL AT ANAHEIM ST																				
10/04/72	1101		3.8	67.0F		462	1190	10200	388	0	146	2690	18300	.0	--	--		6070		
	0712	1101	41	19.4C	7.9	51700	23.05	97.87443.70	9.93	.00	2.39	56.01516.06	.00	--	--	33302	5931	57.1		
								17	77	2		10	90							
11/02/72	1101		4.3	61.0F		411	1220	10300	393	0	144	2590	18700	.0	--	--		6040		
	0700	1101	43	16.1C	7.8	52400	20.51100.33448.0510.05	.00	2.36	53.92527.34	.00	9	90	--	--	33685	5929	57.6		
							4	17	77	2										
12/01/72	1101		2.6	59.0F		389	1210	10480	398	0	142	2610	18600	.0	--	--		5960		
	0630	1101	26	15.0C	7.9	52200	19.41	99.51455.8810.18	.00	2.33	54.34524.52	.00	9	--	--	33757	5834	59.1		
							3	17	78	2		9	90							
01/03/73	1101		4.9	55.0F		391	1230	10600	392	0	144	2640	18600	.0	--	--		6060		
	0615	1101	46	12.8C	8.0	51100	19.51101.16461.1010.03	.00	2.36	54.96524.52	.00	9	90	--	--	33924	5920	54.4		
							3	17	78	2										
02/06/73	1101		57.0F			--	--	--	--	--	--	--	--	--	--	--				
	0715	1101	13.9C	7.0	18900															
03/07/73	1101		1.6	54.0F		370	1140	9310	358	0	146	2750	18800	.0	--	--		5600		
	0630	1101	15	12.2C	8.1	47200	18.46	93.75404.99	9.16	.00	2.39	48.93473.76	.00	--	--	30400	5495	54.1		
							4	18	77	2		9	90							
04/05/73	1101		5.5	60.0F		412	1180	10000	386	0	142	2470	17800	.0	--	--		5910		
	0600	1101	55	15.5C	7.9	50100	20.56	97.04435.00	9.87	.00	2.33	51.43501.96	.00	--	--	32318	5768	56.7		
								17	77	2		9	90							
06/04/73	1101		3.8	65.0F		385	1120	9750	333	0	155	2480	17300	.0	--	--		5580		
	0600	1101	40	18.3C	7.9	47900	19.21	92.11424.13	8.52	.00	2.54	51.63487.86	.00	--	--	31444	5443	56.8		
							4	17	78	2		10	90							
07/02/73	1101		3.9	65.0F		555	1220	10600	406	0	144	2590	18800	.0	--	--		6420		
	1101		41	18.3C	7.7	51800	27.69100.33461.1010.39	.00	2.36	53.92530.16	.00	9	90	--	--	34242	6288	57.6		
							5	17	77	2										
08/01/73	1101		4.6	73.0F		379	1130	9950	363	0	150	2440	17500	.0	--	--		5620		
	0715	1101	53	22.8C	8.0	47600	18.91	92.93432.83	9.29	.00	2.46	50.80493.50	.00	--	--	31836	5473	57.9		
							3	17	78	2		9	90							
09/06/73	1101		4.8	67.0F		349	1090	9330	321	0	160	2710	16400	.0	--	--		5370		
	1101		52	19.4C	8.2	45100	17.42	89.64405.86	8.21	.00	2.62	48.09462.48	.00	--	--	29879	5226	55.5		
							3	17	78	2		1	9	90						
26 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE.																				
10/04/72	1101		4.7	69.0F		378	1070	8940	302	0	169	2180	16030	.0	--	--		5360		
	0655	1101	52	20.5C	8.2	45500	18.86	88.00388.89	7.73	.00	2.77	45.39452.05	.00	--	--	28983	5209	53.2		
							4	17	77	2		1	9	90						
11/02/72	1101		3.9	61.0F		365	1080	8970	333	0	156	2370	16300	.0	--	--		5370		
	0640	1101	39	16.1C	8.2	46700	18.21	88.82390.20	8.52	.00	2.56	49.34459.66	.00	--	--	29495	5228	53.3		
							4	18	77	2		1	10	90						
12/01/72	1101		4.4	57.0F		314	894	7570	278	7.0	196	2000	13500	.0	--	--		4470		
	0700	1101	42	13.9C	8.4	39400	15.67	73.52329.30	7.11	.23	3.21	41.64380.70	.00	--	--	24659	4291	49.3		
							4	17	77	2		1	10	89						
01/03/73	1101		4.1	54.0F		355	1040	9000	325	0	169	2280	15800	.0	--	--		5170		
	0650	1101	38	12.2C	8.3	47200	17.71	85.53391.50	8.31	.00	2.77	47.47445.56	.00	--	--	28883	5028	54.5		
							4	17	78	2		1	10	90						
02/06/73	1101		55.0F			--	--	--	--	--	--	--	--	--	--	--				
	0645	1101	12.8C	7.4	2650															

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REMARKS	
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAR			
26 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE. CONTINUED																						
03/07/73 0645	11Q1 1101		3.6 35	58.0F 14.4C	8.4 21600	171 8.53	458 37.67	3780 164.43	147 3.76	7.0 .23	82 1.34	1060 22.07	6870 193.73	.0 .00	--	--			2310 12533	2233	34.2	
04/05/73 0630	1101 1101		3.3 33	60.0F 15.5C	7.8 41700	360 17.96	945 77.72	7900 343.65	298 7.62	0 .00	155 2.54	2040 42.47	14100 397.62	.0 .00	--	--			4790 25719	4661	49.7	
05/04/73 0740	1101 1101		4.4 43	59.0F 15.0C	8.0 42900	329 16.42	979 80.51	8150 354.53	318 8.13	0 .00	169 2.77	2120 44.14	14600 411.72	.0 .00	--	--			4860 26579	4712	50.9	
06/04/73 0545	1101 1101		4.1 44	66.0F 18.9C	8.0 42400	352 17.56	938 77.14	8200 356.70	298 7.62	0 .00	172 2.82	2200 45.80	14700 414.54	.0 .00	--	--			4740 26773	4598	51.8	
07/02/73 1101	1101 1101		4.4		8.0 45500	486 24.25	1020 83.88	9100 395.85	347 8.88	0 .00	164 2.69	2270 47.26	16100 454.02	.0 .00	--	--			5440 29404	5276	53.8	
08/01/73 1101	1101 1101		7.1		8.4 40000	321 16.02	940 77.31	8150 354.53	300 7.67	6.0 .20	160 2.62	2270 47.26	14100 397.62	.0 .00	--	--			4680 26166	4529	51.9	
09/06/73 1101	1101 1101		5.0		8.2 41300	320 15.97	987 81.17	8290 360.62	292 7.47	0 .00	169 2.77	2110 43.93	14700 414.54	.0 .00	--	--			4870 26782	4722	51.7	
26 3127.10 DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE.																						
10/04/72 0625	1101 1101		4.6 48	63.0F 17.2C	8.0 1730	100 4.99	35 2.88	209 9.09	19 .49	0 .00	272 4.46	248 5.16	258 7.28	.0 .00	--	--			395 1003	171	4.6	
11/02/72 0615	1101 1101		7.3 66	52.0F 11.1C	8.2 4620	116 5.79	83 6.83	670 29.15	31 .79	0 .00	217 3.56	196 8.24	1050 29.61	3.1 .05	--	--			632 2456	453	11.6	
12/01/72 0730	1101 1101		6.9 59	48.0F 8.9C	7.9 1970	77 3.84	35 2.88	251 10.92	14 .36	0 .00	215 3.52	278 5.79	307 8.66	7.6 .12	--	--			336 1075	160	6.0	
01/03/73 0740	1101 1101		7.0 59	46.0F 7.8C	8.2 6670	130 6.49	132 10.86	1100 47.85	48 1.23	0 .00	223 3.65	400 8.33	1930 54.43	7.0 .11	--	--			868 3857	686	16.2	
02/06/73 0620	1101 1101		54.0F 12.2C		7.2 124	--	--	--	--	--	--	--	--	--	--	--						
03/07/73 0730	1101 1101		4.9 44	52.0F 11.1C	7.3 288	16 .80	4.0 .33	27 1.17	3.0 .08	0 .00	43 .70	36 .62	34 .96	3.8 .06	--	--			58 139	22	1.6	
04/05/73 0715	1101 1101		7.4 65	50.0F 10.0C	8.2 1380	78 3.89	27 2.22	150 6.53	14 .36	0 .00	233 3.82	198 4.12	169 4.77	2.4 .04	--	--			305 753	115	3.7	
05/04/73 0815	1101 1101		9.4 93	59.0F 15.0C	8.1 1690	85 4.24	34 2.80	187 8.13	15 .38	0 .00	260 4.26	164 3.41	279 7.87	.0 .00	--	--			351 892	139	4.3	
06/04/73 0520	1101 1101		3.8 39	62.0F 16.7C	8.3 1410	74 3.69	25 2.06	172 7.48	13 .33	0 .00	310 5.08	161 3.35	249 7.02	.0 .00	--	--			289 846	34	4.4	
07/02/73 1101	1101 1101		3.4 37	68.0F 20.0C	9.1 1350	71 3.54	14 1.15	179 7.79	13 .33	41 1.37	115 1.88	162 3.37	202 5.70	.0 .00	--	--			236 739	72	5.1	
08/01/73 0850	1101 1101		12.4 144	74.0F 23.3C	8.6 1080	59 2.94	32 2.63	127 5.52	11 .28	15 .50	216 3.54	138 2.87	145 4.09	.0 .00	--	--			281 633	77	3.3	
09/06/73 1101	1101 1101		1.4 15	67.0F 19.4C	8.6 1040	60 2.99	21 1.73	119 5.18	12 .31	26 .87	159 2.61	132 2.75	148 4.17	1.3 .02	--	--			239 597	62	3.4	
26 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE.																						
10/04/72 0640	1101 1101		1.6 18	69.0F 20.5C	8.0 24400	235 11.73	549 45.15	4490 195.32	160 4.09	0 .00	219 3.59	1210 25.19	8130 229.27	.0 .00	--	--			2850 14882	2667	36.6	
11/02/72 0605	1101 1101		6.9 65	55.0F 12.8C	8.2 26800	245 12.23	544 44.74	4530 197.06	185 4.73	0 .00	168 2.75	1310 27.27	8290 233.78	.0 .00	--	--			2850 15187	2713	36.9	
12/01/72 0715	1101 1101		7.4 65	50.0F 10.0C	8.0 17000	182 9.08	354 29.11	2930 127.46	110 2.81	0 .00	182 2.98	864 17.99	5120 144.38	3.8 .06	--	--			1910 9653	1762	29.2	
01/03/73 0720	1101 1101		5.5 49	50.0F 10.0C	8.3 22400	192 9.58	453 37.25	3850 167.48	146 3.73	0 .00	196 3.21	1040 21.65	6800 191.76	5.6 .09	--	--			2350 12583	2183	34.6	
02/06/73 0625	1101 1101		54.0F 12.2C		7.4 113	--	--	--	--	--	--	--	--	--	--	--						
03/07/73 0715	1101 1101		5.7		7.4 3550	40 2.00	88 7.24	600 26.10	25 .64	0 .00	113 1.85	169 3.52	1020 28.76	4.2 .07	--	--			378 2002	370	12.1	
04/05/73 0715	1101 1101		7.2 65	52.0F 11.1C	8.1 8100	114 5.69	155 12.75	1270 55.25	58 1.48	0 .00	228 3.74	456 9.49	2160 60.91	2.5 .04	--	--			922 4328	736	18.2	

TABLE D-2 (CONT)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	TURB SAM						
.....																									
Z6		3130.10		DOMINGUEZ CHANNEL BELOW VERMONT AVE.										CONTINUED											
05/04/73	1101		4.4	58.0F		114	161	963	42	0	251	364	1800	.0	--	--							948		
0805	1101		43	14.4C	8.0 6540	5.69	13.24	41.89	1.07	.00	4.11	7.58	50.76	.00	--	--					3567	742	13.6		
						9	21	68	2		7	12	81												
06/04/73	1101		0.2	64.0F		312	742	6300	220	0	210	1710	11200	.0	--	--							3840		
0525	1101		2	17.8C	7.6 34100	15.57	61.02	274.05	5.63	.00	3.44	35.60	315.84	.00	--	--					20587	3660	44.3		
						4	17	77	2		1	10	89												
07/02/73	1101		1.4			299	754	6690	253	0	187	1700	11900	.0	--	--							3850		
	1101				7.9 34500	14.92	62.01	291.02	6.47	.00	3.06	35.39	335.58	.00	--	--					21688	3696	46.9		
						4	17	78	2		1	9	90												
08/01/73	1101		4.3	72.0F		150	294	2380	93	0	224	683	4200	.0	--	--							1590		
0845	1101		49	22.2C	8.2 13600	7.49	24.18	103.53	2.38	.00	3.67	14.22	118.44	.00	--	--					7910	1401	26.0		
						5	18	75	2		3	10	87												
09/06/73	1101		0.0	70.0F		295	895	7590	274	0	185	1930	13400	.0	--	--							4430		
	1101			21.1C	8.0 37600	14.72	73.60	330.17	7.01	.00	3.03	40.18	377.88	.00	--	--					24475	4268	49.7		
						3	17	78	2		1	10	90												
Z6		9745.10		RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS																					
10/18/72	1101		6.3	63.0F		63	11	132	11	0	299	127	106	7.5	--	--							200		
0700	1101		45	17.2C	8.0 1060	3.14	.90	5.74	.28	.00	4.90	2.64	2.99	.12	--	--					605	0	4.0		
						31	9	57	3		46	25	28	1											
12/15/72	1101		10.0	46.0F		80	27	123	7.0	0	179	278	102	1.1	--	--							311		
	1101		84	7.8C	7.9 1190	3.99	2.22	5.35	.18	.00	2.93	5.79	2.88	.02	--	--					706	164	3.0		
						34	19	46	2		25	50	25												
01/15/73	1101		8.1	58.0F		87	24	120	7.0	0	172	282	97	9.6	--	--							315		
0700	1101		79	14.4C	8.1 1180	4.34	1.97	5.22	.18	.00	2.82	5.87	2.74	.15	--	--					711	175	2.9		
						37	17	45	2		24	51	24	1											
02/20/73	1101		7.8	55.0F		27	6.0	16	3.0	0	90	31	14	9.8	--	--							94		
	1101		73	12.8C	7.7 276	1.35	.49	.70	.08	.00	1.48	.65	.39	.16	--	--					151	18	0.7		
						52	19	27	3		55	24	15	6											
03/21/73	1101		7.8	53.0F		53	2.0	42	6.0	0	133	49	34	27.4	--	--							140		
0600	1101		72	11.7C	8.0 491	2.64	.16	1.83	.15	.00	2.18	1.02	.96	.44	--	--					279	31	1.5		
						55	3	38	3		47	22	21	10											
04/19/73	1101		8.4	60.0F		76	13	56	5.0	0	198	130	45	5.4	--	--							244		
	1101		84	15.5C	8.3 750	3.79	1.07	2.44	.13	.00	3.25	2.71	1.27	.09	--	--					428	81	1.6		
						51	14	33	2		44	37	17	1											
05/18/73	1101		7.5	65.0F		81	28	113	7.0	0	171	268	98	13.0	--	--							319		
	1101		79	18.3C	8.1 1160	4.04	2.30	4.92	.18	.00	2.80	5.58	2.76	.21	--	--					692	177	2.8		
						35	20	43	2		25	49	24	2											
06/18/73	1101		6.7	65.5F		80	29	115	6.0	0	180	287	95	9.2	--	--							319		
0600	1101		71	18.6C	7.9 1120	3.99	2.38	5.00	.15	.00	2.95	5.98	2.68	.15	--	--					710	171	2.8		
						35	21	43	1		25	51	23	1											
07/17/73	1101		7.5	61.0F		89	17	116	6.0	17	101	277	97	15.5	--	--							293		
	1101		76	16.1C	8.6 1090	4.44	1.40	5.05	.15	.57	1.66	5.77	2.74	.25	--	--					684	181	3.0		
						40	13	46	1	5	15	53	25	2											
08/15/73	1101		5.5	72.0F		75	28	122	7.0	0	161	268	103	11.8	--	--							303		
	1101		63	22.2C	7.9 1100	3.74	2.30	5.31	.18	.00	2.64	5.58	2.90	.19	--	--					694	170	3.1		
						32	20	46	2		23	49	26	2											
09/17/73	1101		6.6	70.0F		60	17	119	9.0	0	185	167	85	31.8	--	--							222		
0820	1101		74	21.1C	8.0 931	2.99	1.40	5.18	.23	.00	3.03	3.48	2.40	.51	--	--					580	68	3.5		
						31	14	53	2		32	37	25	5											
Z6		9780.00		RIO HONDO ABOVE SPREADING GROUNDS																					
10/27/72	5050	1.16	9.3	67.0F	7.7 900	--	--	--	--	--	--	108	85	--	--	--					548	164	4A		
0815	5050	16	101	19.4C								2.25	2.40	--	--	--									
12/01/72	5050	1.24	9.8	57.0F	7.7 1050	--	--	--	--	--	--	229	90	--	--	--					600	280	4A		
0845	5050	63	94	13.9C								4.77	2.54	--	--	--									
12/29/72	5050	1.46		46.0F	7.8 1150	--	--	--	--	--	--	284	96	--	--	--					706	319	12A		
0830	5050	136		7.8C								5.91	2.71	--	--	--									
02/02/73	5050	1.46	10.7	48.0F	7.7 1050	--	--	--	--	--	--	267	92	--	--	--					655	309	16A		
0845	5050	142	92	8.9C								5.56	2.59	--	--	--									
02/27/73	5050	1.48	10.5	52.0F	8.0 300	--	--	--	--	--	--	33	11	--	--	--					174	135	32A		
0800	5050	154	95	11.1C								.69	.31	--	--	--									
04/13/73	5050	1.39	10.3	61.0F	8.1 490	--	--	--	--	--	--	83	33	--	--	--					328	180			
0830	5050	126	104	16.1C								1.73	.93	--	--	--									
04/25/73	5050	1.40	10.3	60.0F	7.8 1000	--	--	--	--	--	--	257	92	--	--	--					694	314	12A		
0845	5050	131	103	15.5C								5.35	2.59	--	--	--									
05/23/73	5050	1.49	9.6	60.0F	7.7 1180	--	--	--	--	--	--	270	97	--	--	--					717	318	3A		
0915	5050	154	96	15.5C								5.62	2.74	--	--	--									
06/28/73	5050	1.43	9.5	69.0F	7.8 1100	--	--	--	--	--	--	262	94	--	--	--					710	305	3A		</



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER HILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B SI02	F SI02	TDS SUM	TH NCH	TURB SAR		
Z6 9780.00 RIO MONDO ABOVE SPREADING GROUNDS CONTINUED																					
08/28/73 0815	5050 5050	1.46 148	9.6 108	71.0F 21.6C	7.7 1020	--	--	--	--	--	--	262 5.45	93 2.62	--	--	--	661	294	4A		
09/27/73 0900	5050 5050	1.40 121	8.3 94	71.0F 21.6C	7.7 1050	--	--	--	--	--	--	253 5.27	94 2.65	--	--	--	700	293	10A		
Z7 1100.90 SAN GABRIEL RIVER AT WHITTIER NARROWS																					
10/26/72 0930	5050 5050	6E	10.0 100	60.0F 15.5C	8.1 1060	--	--	--	--	--	--	134 2.79	101 2.85	--	--	--	636	273	11A		
12/01/72 1010	5050 5050	65E	12.9 120	54.0F 12.2C	8.3 1100	--	--	--	--	--	--	285 5.93	98 2.76	--	--	--	693	332	5A		
12/29/72 1000	5050 5050	50E	13.4 111	45.0F 7.2C	8.2 1150	--	--	--	--	--	--	296 6.16	98 2.76	--	--	--	719	333	8A		
02/02/73 1000	5050 5050	50E	11.0 93	47.0F 8.3C	8.1 1075	--	--	--	--	--	--	284 5.91	100 2.82	--	--	--	699	330	7A		
02/27/73 0945	5050 5050	20E	9.3 91	58.0F 14.4C	8.1 1000	--	--	--	--	--	--	158 3.29	82 2.31	--	--	--	630	331	4A		
04/13/73 1015	5050 5050	25E	15.8 163	63.0F 17.2C	8.4 1050	--	--	--	--	--	--	270 5.62	99 2.79	--	--	--	745	332			
04/25/73 1020	5050 5050	30E	14.6 146	60.0F 15.5C	8.3 1050	--	--	--	--	--	--	283 5.89	98 2.79	--	--	--	737	337	8A		
05/23/73 1030	5050 5050	50E	11.1 111	60.0F 15.5C	8.1 1200	--	--	--	--	--	--	286 5.95	100 2.82	--	--	--	738	336	3A		
06/28/73 0915	5050 5050	50E	11.1 121	68.0F 20.0C	8.3 1120	--	--	--	--	--	--	294 6.12	98 2.76	--	--	--	747	337	1A		
07/27/73 0900	5050 5050	150E	9.9 112	71.0F 21.6C	8.0 1075	--	--	--	--	--	--	296 6.16	98 2.76	--	--	--	759	331	1A		
08/28/73 0945	5050 5050	65E	13.0 147	71.0F 21.6C	8.4 1050	--	--	--	--	--	--	286 5.95	95 2.68	--	--	--	701	309	4A		
09/27/73 1015	5050 5050	25E	7.6 88	73.0F 22.8C	7.8 1100	--	--	--	--	--	--	279 5.81	98 2.76	--	--	--	730	324	2A		
Z7 1927.10 SAN GABRIEL RIVER AT AZUSA POWERHOUSE																					
10/26/72 1335	5050 5050	20E	11.4 109	56.0F 13.3C	8.3 405 8.0 374	46 2.30 55	14 1.15 28	14 .61 15	3.8 .10 2	0 .00 2	196 3.21 79	32 .67 16	6.0 .17 4	1.8 .03 1	.07 --	.3 --	227 214	173 12	2A 0.5		
12/01/72 1300	5050 5050	25E	11.7 109	54.0F 12.2C	8.1 350 7.9 383	48 2.40 55	15 1.23 28	12 .56 13	5.7 .15 3	0 .00 3	196 3.21 77	39 .81 19	5.0 .14 3	1.3 .02 1	.05 --	.3 --	240 223	182 21	1A 0.4		
12/29/72 1335	5050 5050	35E	12.0 103	48.0F 8.9C	8.1 350 8.0 390	49 2.45 58	14 1.15 27	13 .57 13	3.6 .09 2	0 .00 2	198 3.25 77	39 .81 19	5.0 .14 3	1.0 .02 1	.03 --	.5 --	231 222	180 18	3A 0.4		
02/02/73 1230	5050 5050	50E	12.4 104	46.0F 7.8C	8.1 325 7.8 351	45 2.25 57	14 1.15 29	11 .48 12	3.0 .08 2	0 .00 2	175 2.87 75	38 .79 21	5.0 .14 4	3.2 .05 1	.00 --	.4 --	247 205	170 27	5A 0.4	E	
02/27/73 1400	5050 5050	60E	12.2 108	50.0F 10.0C	7.9 225 7.9 259	32 1.60 57	9.6 .79 28	7.6 .33 12	2.7 .07 3	0 .00 3	132 2.16 82	15 .31 12	3.0 .08 3	5.4 .09 1	.04 --	.3 --	159 140	120 12	24A 0.3	S	
04/13/73 1300	5050 5050	60E	10.1 99	58.0F 14.4C	8.1 280 8.1 331	42 2.10 61	11 .90 26	9.3 .40 12	2.7 .07 2	0 .00 2	174 2.85 83	20 .42 12	4.0 .11 3	2.8 .05 1	.06 --	.2 --	162 177	150 8	18A 0.3		
04/25/73 1345	5050 5050	50E	9.5 90	56.0F 13.3C	7.9 280 8.0 337	42 2.10 59	12 .99 28	8.5 .37 10	2.8 .07 2	0 .00 2	171 2.80 80	24 .50 14	4.0 .11 3	4.4 .07 2	.00 --	.3 --	186 182	155 15	3A 0.3		
05/23/73 1300	5050 5050	75E	9.2 96	58.0F 14.4C	8.1 370 8.1 334	42 2.10 58	13 1.07 30	8.1 .35 10	2.8 .07 2	0 .00 2	179 2.93 82	23 .48 13	4.0 .11 3	3.0 .05 1	.02 --	.2 --	173 184	159 12	1A 0.3		
06/28/73 1300	5050 5050	80E	8.5 92	67.0F 19.4C	7.8 290 8.1 328	45 2.25 66	9.5 .78 23	7.7 .33 10	2.8 .07 2	0 .00 2	171 2.80 80	21 .44 13	4.0 .11 3	2.2 .04 1	.00 --	.2 --	195 176	152 12	2A 0.3		
07/27/73 1200	5050 5050	60E	7.2 80	69.0F 20.5C	7.7 290 7.9 319	42 2.10 61	11 .90 26	8.0 .35 10	2.9 .07 2	0 .00 2	174 2.85 82	23 .48 14	4.0 .11 3	2.7 .04 1	.00 --	.2 --	176 179	150 8	1A 0.3		
08/28/73 1230	5050 5050	70E	5.6 64	72.0F 22.2C	7.6 280 7.4 322	42 2.10 61	11 .90 26	8.8 .38 11	3.1 .08 2	0 .00 2	165 2.70 80	24 .50 15	5.0 .14 4	1.6 .03 1	.03 --	.3 --	152 177	150 15	3A 0.3		
09/27/73 1315	5050 5050	55E	8.6 97	71.0F 21.6C	8.1 290 7.9 328	39 1.95 58	11 .90 27	9.4 .41 12	3.3 .08 2	0 .00 2	167 2.74 81	25 .52 15	4.0 .11 3	.6 .01 1	.01 --	.5 --	141 174	143 6	2A 0.3	T	

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR							
27 5100.00 RIO HONDO AT WHITTIER NARROWS																										
10/26/72	5050		3.9	60.0F	8.3	940	--	--	--	--	--	--	174	67	--	--	--	603	312	5A						
0730	5050	3.3	39	15.5C									3.62	1.89	--	--	--									
12/01/72	5050		5.2	52.0F	7.7	875	--	--	--	--	--	--	158	61	--	--	--	522	309	1A						
0800	5050	3.1	47	11.1C									3.29	1.72	--	--	--									
12/29/72	5050		6.4	44.0F	7.7	1400	--	--	--	--	--	--	346	101	--	--	--	912	380	3A						
0745	5050	3.2	52	6.7C									7.20	2.85	--	--	--									
02/02/73	5050	1.02	6.7	50.0F	7.7	1000	--	--	--	--	--	--	249	70	--	--	--	326	316	4A						
0800	5050	5.0	59	10.0C									5.18	1.97	--	--	--									
02/27/73	5050	1.74	9.6	52.0F	7.8	290	--	--	--	--	--	--	33	10	--	--	--	164	133	21A						
0730	5050	1.28	87	11.1C									.69	.28	--	--	--									
04/13/73	5050	1.33	9.5	59.0F	8.2	300	--	--	--	--	--	--	37	11	--	--	--	204	142							
0745	5050	.56	94	15.0C									.77	.31	--	--	--									
04/25/73	5050		11.3	62.0F	8.2	725	--	--	--	--	--	--	145	55	--	--	--	515	288	8A						
0740	5050	5.0	116	16.7C									3.02	1.55	--	--	--									
05/23/73	5050	0.71	6.5	62.0F	7.7	1450	--	--	--	--	--	--	298	140	--	--	--	900	360	2A						
0830	5050	4.8	66	16.7C									6.20	3.95	--	--	--									
06/28/73	5050	0.75	6.0	68.0F	7.8	1050	--	--	--	--	--	--	201	104	--	--	--	709	304	3A						
0700	5050	6.3	66	20.0C									4.18	2.93	--	--	--									
07/27/73	5050	0.72	4.9	69.0F	7.9	1180	--	--	--	--	--	--	289	106	--	--	--	858	292	3A						
0700	5050	6.3	54	20.5C									6.02	2.99	--	--	--									
08/28/73	5050	0.71	5.0	64.0F	7.8	950	--	--	--	--	--	--	195	80	--	--	--	632	272	4A						
0730	5050	6.0	52	17.8C									4.06	2.26	--	--	--									
09/27/73	5050	0.75	6.5	65.0F	7.7	1110	--	--	--	--	--	--	232	98	--	--	--	737	305	4A						
0815	5050	5.2	69	18.3C									4.83	2.76	--	--	--									
77 5126.10 RIO HONDO RIVER AT POMONA FWY																										
10/18/72	1101		2.0	60.0F			76	21	79	9.0	0	258	138	66	16.4	--	--									
0630	1101		20	15.5C	8.0	882	3.79	1.73	3.44	.23	.00	4.23	2.87	1.86	.26			532	277	2.1						
							41	19	37	3		46	31	20	3											
12/15/72	1101		7.7	45.0F			79	21	152	6.0	0	210	201	86	.3	--	--									
0600	1101		64	7.2C		1210	3.94	1.73	6.61	.15	.00	3.44	6.27	2.43	.00			749	282	3.9						
							32	14	53	1		28	52	20												
01/15/73	1101		4.1	58.0F			93	24	137	7.0	0	241	285	92	8.1	--	--									
0630	1101		40	14.4C	8.1	1270	4.64	1.97	5.96	.18	.00	3.95	5.93	2.59	.13			765	332	3.3						
							36	15	47	1		31	47	21	1											
02/20/73	1101		9.2	50.0F			24	6.0	12	3.0	0	86	23	15	9.2	--	--									
0600	1101		81	10.0C	7.7	241	1.20	.49	.52	.08	.00	1.41	.48	.42	.15			134	85	0.6						
							52	21	23	3		57	20	17	6											
03/21/73	1101		3.5	47.0F			58	12	24	4.0	0	196	58	18	6.0	--	--									
0515	1101		30	8.3C	7.9	482	2.89	.99	1.04	.10	.00	3.21	1.21	.51	.10			276	194	0.7						
							58	20	21	2		64	24	10	2											
04/19/73	1101		5.4	59.0F			90	23	76	4.0	0	242	172	71	6.7	--	--									
0615	1101		53	15.0C	7.7	992	4.49	1.89	3.31	.10	.00	3.97	3.58	2.00	.11			562	320	1.9						
							46	19	34	1		41	37	21	1											
05/18/73	1101		3.1	65.0F			85	23	137	8.0	0	237	251	102	5.0	--	--									
	1101		33	18.3C		1210	4.24	1.89	5.96	.20	.00	3.88	5.23	2.88	.08			728	309	3.4						
							34	15	48	2		32	43	24	1											
06/18/73	1101		5.3	65.0F			80	26	97	5.0	0	182	255	78	.0	--	--									
0515	1101		56	18.3C	7.9	1020	3.99	2.14	4.22	.13	.00	2.98	5.31	2.20	.00			630	308	2.4						
							38	20	40	1		28	51	21												
08/15/73	1101		1.6	70.0F			76	20	153	7.0	0	238	246	111	4.5	--	--									
0600	1101		18	21.1C	8.0	1160	3.79	1.64	6.66	.18	.00	3.90	1.12	3.13	.07			735	273	4.0						
							31	13	54	1		32	42	26	1											
09/20/73	1101		2.6	65.0F			108	13	144	7.0	0	251	265	101	7.7	--	--									
0640	1101		27	18.3C	7.9	1210	5.39	1.07	6.26	.18	.00	4.11	5.52	2.85	.12			769	323	3.5						
							42	8	49	1		33	44	23	1											
77 7050.00 SAN JOSE CREEK AT WORKMAN HILL RD																										
03/21/73	1101		9.8	47.0F			81	16	112	15	0	323	133	112	10.1	--	--									
0800	1101		83	8.3C	8.1	1140	4.04	1.32	4.87	.38	.00	5.29	2.77	3.16	.16			638	269	3.0						
							38	12	46	4		46	24	28	1											
04/19/73	1101		8.0				86	18	115	10	0	329	147	116	10.9	--	--									
	1101					1180	4.29	1.48	5.00	.26	.00	5.39	3.06	3.27	.18			665	290	2.9						
							39	13	45	2		45	26	27	2											
05/18/73	1101		8.4	62.0F			83	19	123	11	0	324	145	124	15.9	--	--									
0805	1101		86	16.7C	8.2	1190	4.14	1.56	5.35	.28	.00	5.31	3.02	3.50	.26			680	285	3.2						
							37	14	47	2		44	25	29	2											
06/18/73	1101		8.8	66.0F			75	21	105	12	0	346	138	88	21.4	--	--									
0845	1101		94	18.9C	8.2	1090	3.74	1.73	4.57	.31	.00	5.67	2.87	2.48	.35			631	273	2.8						
							36	17	44	3		50	25	22	3											

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER								
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	VALU	SI02	F	TDS SUM	TH MCM	TURB SAM	WUM			
Z7 7050.00 SAN JOSE CREEK AT WORKMAN HILL RD																				CONTINUED				
07/17/73	1101		4.5	64.0F		82	20	116	11	0	309	153	95	13.6	--	--								
0700	1101		47	17.8C	8.2 1100	4.09	1.64	5.05	.28	.00	5.06	3.19	2.68	.22	--	--	643	294						
						37	15	88	3		45	29	24	2					34					
08/15/73	1101		4.3	66.0F		84	19	140	17	0	326	153	141	10.0	--	--								
0735	1101		46	18.9C	8.1 1240	4.19	1.56	6.09	.43	.00	5.34	3.19	3.98	.16	--	--	724	287						
						34	13	50	4		42	25	31	1					21	3.8				
09/20/73	1101		7.0	66.0F		83	20	110	11	0	250	188	95	29.0	--	--								
1035	1101		75	18.9C	7.9 1080	4.14	1.64	4.79	.28	.00	4.10	3.91	2.68	.47	--	--	659	292						
						38	15	84	3		37	35	24	4					84	7.4				
Z8 1060.10 SAN GABRIEL RIVER AT PACIFIC COAST HWY																								
10/18/72	1101		5.5	77.0F		427	1220	10330	381	0	140	2434	18700	.0	--	--								
0730	1101		66	25.0C	7.9 50000	21.31100	33449	36	9.75	.00	2.29	54.845	27.34	.00	--	--	31761	6080						
						4	17	77	2			9	90						5972	57.8				
12/15/72	1101		6.0	73.0F		390	1210	10500	382	0	151	2550	18700	.0	--	--								
0640	1101		69	22.8C	8.0 50000	19.46	99.51456	.75	9.77	.00	2.47	53.095	27.34	.00	--	--	33806	5950						
						3	17	78	2			9	90						5836	59.2				
01/15/73	1101			72.0F		403	1250	10400	416	0	139	2700	19000	.0	--	--								
0610	1101			22.2C	8.1 51500	20.11102	80452	4010	.64	.00	2.28	56.215	35.80	.00	--	--	34237	6140						
						3	18	77	2			9	90						6036	57.7				
02/20/73	1101		6.4	72.0F		394	1230	10400	402	0	139	2570	18600	.0	--	--								
0730	1101		73	22.2C	7.8 48900	19.66101	16452	4010	.28	.00	2.28	53.515	24.52	.00	--	--	33664	6070						
						3	17	78	2			9	90						5932	58.2				
03/21/73	1101		5.7	72.0F		370	1140	10100	420	0	150	2750	18000	.0	--	--								
0700	1101		65	22.2C	7.9 48700	18.46	93.75439	.3510	.74	.00	2.46	48.93507	.60	.00	--	--	32454	5830						
						1	17	78	2			9	91						5492	58.7				
04/19/73	1101		6.1	71.0F		412	1260	10400	397	0	133	2600	18800	.0	--	--								
0645	1101		69	21.6C	7.2 48700	20.56103	62452	4010	.16	.00	2.18	54.13530	.16	.00	--	--	33934	6220						
						4	18	77	2			9	90						6105	57.4				
05/18/73	1101		5.4			403	1270	10600	382	0	149	2590	18900	.0	--	--								
0800	1101				8.0 50500	20.11104	44461	.10	9.77	.00	2.44	53.92532	.98	.00	--	--	34218	6220						
						3	18	77	2			9	90						6110	58.4				
06/18/73	1101		5.5	77.0F		378	1270	10500	392	0	148	2680	18800	.0	--	--								
0700	1101		66	25.0C	7.9 45500	18.86104	44456	.7510	.03	.00	2.43	55.80530	.16	.00	--	--	34093	6180						
						3	18	77	2			9	90						6048	58.2				
07/17/73	1101		5.1	82.0F		406	1220	10600	407	0	137	2580	18900	.0	--	--								
0615	1101		64	27.8C	8.0 50500	20.26100	33461	.1010	.41	.00	2.25	53.72532	.98	.00	--	--	34180	6070						
						3	17	78	2			9	90						5922	59.4				
08/15/73	1101		5.0	78.0F		402	1220	10600	374	0	151	2540	18700	.0	--	--								
0700	1101		61	25.5C	8.0 51000	20.06100	33461	.10	9.57	.00	2.47	52.88527	.34	.00	--	--	33910	6050						
						3	17	78	2			9	91						5901	59.4				
09/20/73	1101		5.4	75.0F		465	1318	10273	369	0	144	2600	18830	.0	--	--								
0700	1101		63	23.9C	8.0 50500	23.20108	39446	.88	9.44	.00	2.36	54.13531	.01	.00	--	--	33926	6770						
						4	18	76	2			9	90						6467	55.1				
Z8 1165.10 COYOTE CREEK AT WILLOW STREET																								
10/04/72	1101		3.1	63.0F		--	--	--	--	--	--	--	190	10.6	--	--								
0610	1101		32	17.2C	7.8 1660								5.36	.17	--	--								
10/18/72	1101		4.6	63.0F		106	50	328	14	0	277	556	266	7.8	--	--								
	1101		48	17.2C	8.1 2250	5.29	4.11	14.27	.36	.00	4.54	11.58	7.50	.13	--	--	1464	473						
						22	17	59	1		19	49	32	1					243	6.6				
12/15/72	1101		6.7	41.0F		142	54	280	21	0	382	516	255	1.1	--	--								
0615	1101		52	5.0C	8.3 2300	7.09	4.44	12.18	.54	.00	6.26	10.74	7.19	.02	--	--	1457	264						
						29	18	50	2		26	44	30						577	5.1				
01/15/73	1101		4.1	55.0F		126	55	312	13	0	372	519	269	25.3	--	--								
0625	1101		39	12.8C	8.2 2380	6.29	4.52	13.57	.33	.00	6.10	10.81	7.59	.41	--	--	1502	236						
						25	18	55	1		24	43	30	2					540	5.8				
02/06/73	1101			54.0F		--	--	--	--	--	--	--	--	8.3	--	--								
0600	1101			12.2C	7.8 193									.13	--	--								
02/20/73	1101		8.3	53.0F		158	73	346	15	0	427	622	291	45.7	--	--								
0650	1101		76	11.7C	8.2 2710	7.88	6.00	15.05	.38	.00	7.00	12.95	8.21	.74	--	--	1761	696						
						27	20	51	1		24	45	28	3					344	5.7				
03/21/73	1101		8.6	49.0F		57	21	118	8.0	0	172	185	103	20.9	--	--								
0615	1101		75	9.4C	8.1 979	2.84	1.73	5.13	.20	.00	2.82	3.85	2.90	.34	--	--	597	228						
						29	17	52	2		28	39	29	3					88	3.4				
04/19/73	1101		5.8	55.0F		118	68	334	14	0	297	600	305	29.6	--	--								
0615	1101		55	12.8C	8.1 2600	5.89	5.59	14.53	.36	.00	4.87	12.49	8.60	.48	--	--	1615	331						
						22	21	55	1		18	47	33	2					575	6.1				
05/18/73	1101		5.1	65.0F		112	51	335	13	0	353	496	291	23.9	--	--								
0620	1101		54	18.3C	8.3 2360	5.59	4.19	14.57	.33	.00	5.79	10.33	8.21	.39	--	--	1495	490						
						23	17	59	1		23	42	33	2					200	6.6				
06/18/73	1101		4.7	63.0F		110	62	359	15	0	338	545	323	28.5	--	--								
0630	1101		49	17.2C	8.0 2540	5.49	5.10	15.62	.38	.00	5.54	11.35	9.11	.46	--	--	1609	520						
						21	19	58	1		21	43	34	2					253	6.8				
07/17/73	1101		6.9	71.0F		96	35	286	15	0	285	367	267	2.4	--	--								
0700	1101		78	21.6C	8.0 1950	4.79	2.88	12.44	.38	.00	4.67	7.64	7.53	.04	--	--	1209	384						
						23	14	61	2		23	38	38						150	6.4				
08/15/73	1101		3.7	68.0F		101	36	273	15	0	265	369	261	20.9	--	--								
0615	1101		40	20.0C	8.0 1910	5.04	2.96	11.88	.38	.00	4.34	7.68	7.36	.34	--	--	1206	400						
						25	15	59	2			39	37	2					183	5.9				



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM	
						CA	MG	HA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAP								
28 1165.10 COYOTE CREEK AT WILLOW STREET CONTINUED																											
09/20/73	1101		4.7	69.0F		112	37	310	14	0	335	458	254	29.6	--	--			434								
0615	1101		52	20.5C	8.1 2150	5.59	3.04	13.49	.36	.00	5.49	9.54	7.16	.48	--	--		1379	157	6.5							
						25	14	60	2		24	42	32	2													
28 1225.10 SAN GABRIEL RIVER AT WILLOW STREET																											
10/04/72	1101		6.7	75.0F		--	--	--	--	--	--	--	196	33.2	--	--											
0600	1101		79	23.9C	7.6 1340	--	--	--	--	--	--	--	5.53	.54	--	--											
10/18/72	1101		6.8			97	10	177	15	0	331	151	165	15.0	--	--			284								
0615	1101				8.2 1310	4.84	.82	7.70	.38	.00	5.43	3.14	4.65	.24	--	--		793	12	4.6							
						35	6	56	3		40	23	35	2													
12/15/72	1101		8.4	60.0F		75	12	179	14	0	348	173	168	.4	--	--			238								
0600	1101		84	15.5C	8.0 1430	3.74	.99	7.79	.36	.00	5.70	3.60	4.74	.81	--	--		793	0	5.1						S	
						29	8	60	3		41	26	34														
01/15/73	1101		7.2	64.0F		75	16	190	18	0	289	255	163	10.3	--	--			253								
0615	1101		75	17.8C	8.2 1550	3.74	1.32	8.27	.46	.00	4.74	5.31	4.60	.17	--	--		869	16	5.2						S	
						27	10	60	3		32	36	31	1													
02/06/73	1101		59.0F			--	--	--	--	--	--	--	--	21.4	--	--											
0615	1101		15.0C	7.6 485		--	--	--	--	--	--	--	--	.35	--	--											
02/20/73	1101		4.5	64.0F		71	20	200	18	0	325	163	183	18.0	--	--			258								
0640	1101		47	17.8C	8.0 1610	3.54	1.64	8.70	.46	.00	5.33	3.39	5.16	.29	--	--		833	8	5.4							
						25	11	51	3		38	24	36	2													
03/21/73	1101		7.1	59.0F		65	17	173	15	0	310	116	180	4.9	--	--			232								
0600	1101		70	15.0C	7.9 1300	3.24	1.40	7.53	.38	.00	5.08	2.42	5.08	.08	--	--		723	0	4.9							
						26	11	60	3		40	19	40	1													
04/19/73	1101		6.2	65.0F		75	17	190	16	0	329	166	199	3.3	--	--			257								
0600	1101		66	18.3C	7.9 1600	3.74	1.40	8.27	.41	.00	5.39	3.46	5.61	.05	--	--		828	0	5.2							
						27	10	60	3		37	24	39														
05/18/73	1101		7.4	70.0F		71	18	176	16	0	319	169	179	3.4	--	--			252								
0600	1101		83	21.1C	8.3 1400	3.54	1.48	7.66	.41	.00	5.23	3.52	5.05	.05	--	--		789	0	4.8						S	
						27	11	59	3		38	25	36														
06/18/73	1101		6.5	66.0F		75	20	177	18	0	257	224	167	--	--	--			269								
0610	1101		69	18.9C	8.0 1370	3.74	1.64	7.70	.46	.00	4.21	4.66	4.71		--	--		807	59	4.7							
						28	12	57	3		31	34	35														
07/17/73	1101		4.5	73.0F		103	4.0	243	18	0	298	218	246	20.0	--	--			273								
0650	1101		52	22.8C	8.1 1360	5.14	.33	10.57	.46	.00	4.88	4.54	6.94	.32	--	--		999	30	6.4						C	
						31	2	64	3		29	27	42	2													
08/15/73	1101		6.9	67.0F		92	10	225	16	0	313	236	203	5.4	--	--			273								
0600	1101		75	19.4C	8.2 1570	4.59	.82	9.79	.41	.00	5.13	4.91	5.72	.09	--	--		941	14	5.9							
						29	5	63	3		32	31	36	1													
09/20/73	1101		7.2	73.0F		68	22	195	18	0	311	190	184	5.3	--	--			260								
0610	1101		83	22.8C	8.1 1380	3.39	1.81	8.48	.46	.00	5.10	3.94	5.19	.09	--	--		835	6								
						24	13	60	3		34	28	36	1													
28 1276.10 COYOTE CREEK AT DEL AMO BLVD																											
10/19/73	1101		13.7	56.0F		103	40	280	9.0	72	19	524	248	15.1	--	--											
	1101		130	13.3C	10.0 2050	5.14	3.29	12.18	.23	2.40	.31	10.95	.24		--	--											
						25	16	58	1	11	1	52	33	1													
11/15/73	1101		5.4	48.0F		164	56	187	8.0	35	253	430	231	3.4	--	--											
0715	1101		51	8.9C	8.7 2040	8.18	4.61	8.13	.20	1.17	4.15	9.14	4.51	.08	--	--											
						39	22	38	1	6	20	43	31														
12/17/73	1101		7.7	54.0F		128	56	270	14	10	281	517	254	21.0	--	--											
0600	1101		34	12.2C	8.4 2200	6.39	4.61	11.75	.36	.77	4.64	10.74	1.14	.10	--	--											
						28	20	51	2	1	20	44	31	2													
02/20/74	1101		8.1	52.0F		132	54	394	27	0	545	408	354	57.7	--	--											
0555	1101		73	11.1C	8.2 2820	6.59	4.44	17.14	.69	.00	8.43	9.45	3.43	.97	--	--											
						23	15	59	2		32	34	34	3													
03/21/73	1101		9.4	48.0F		55	21	112	8.0	0	167	189	90	17.0	--	--											
0600	1101		85	8.9C	8.2 1010	2.74	1.73	4.47	.15	.00	2.74	3.93	2.54	.27	--	--											
						29	18	51	2		29	41	27	1													
04/19/73	1101		5.8	55.0F		143	76	417	10	0	356	404	416	44.0	--	--											
0600	1101		55	12.9C	8.1 3130	7.14	6.25	18.14	.26	.00	5.83	12.62	11.73	.71	--	--											
						22	20	57	1		19	41	38	2													
05/19/73	1101		5.9	60.0F		210	93	463	23	0	482	496	707	39.5	--	--											
0600	1101		59	15.5C	8.3 3720	10.48	7.65	20.14	.59	.00	7.90	10.33	19.94	.64	--	--		2264									
						27	20	52	2		20	27	51	2													
06/18/73	1101		13.4	72.0F		120	72	332	8.0	71	320	413	292	21.4	--	--											
0650	1101		153	22.2C	8.5 2390	5.99	5.92	14.44	.20	1.03	5.24	12.76	8.23	.35	--	--		1847									
						23	22	54	1	4	19	44	30	1													
07/17/73	1101																										

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE				MILLIGRAMS PER LITER						REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR	
Z8 1326.10 COYOTE CREEK AT VALLEY VIEW AVE																				
10/18/72	1101		9.8	59.0F		54	10	116	4.0	43	12	181	115	.0	--	--		174		
	1101		97	15.0C	9.7	891	2.69	.82	5.05	.10	1.43	.20	3.77	3.24	.00	--	--	529	94	3.8
						31	9	53	1	17	2	44	38							
12/28/72	1101		8.3	49.0F		161	67	154	5.0	16	231	561	148	3.0	--	--		679		
0730	1101		72	9.4C	8.5	1970	8.03	5.51	6.70	.13	.53	3.79	11.68	4.17	.05	--	--	1229	461	2.6
						39	27	33	1	3	19	54	21							
01/15/73	1101		4.6	54.0F		88	23	138	5.0	42	--	224	227	6.1	--	--		312		
0630	1101		43	12.2C	9.4	1280	4.39	1.89	6.00	.13	1.40	4.66	6.40	.10	--	--			3.4	
						35	15	48	1											
02/20/73	1101		9.8	50.0F		137	55	200	6.0	0	353	302	253	42.0	--	--		570		
0620	1101		87	10.0C	8.2	2000	6.84	4.52	8.70	.15	.00	5.79	6.29	7.13	.68	--	--	1169	279	3.7
						34	22	43	1		29	32	36	3						
03/21/73	1101		11.0	46.0F		68	21	69	5.0	0	210	128	71	12.9	--	--		255		
0640	1101		92	7.8C	8.2	870	3.39	1.73	3.00	.13	.00	3.44	2.66	2.00	.21	--	--	478	84	1.9
						41	21	36	2		41	32	24	3						
04/19/73	1101		5.2	54.0F		119	56	180	6.0	0	261	236	277	71.2	--	--		529		
0630	1101		48	12.2C	8.0	1920	5.94	4.61	7.83	.15	.00	4.28	4.91	7.81	1.15	--	--	1074	314	3.4
						32	25	42	1		24	27	43	5						
05/18/73	1101		5.9	61.0F		89	52	147	10	0	289	258	166	38.8	--	--		439		
0625	1101		60	16.1C	8.3	1520	4.44	4.28	6.39	.26	.00	4.74	5.37	4.68	.63	--	--	903	199	3.1
						29	28	42	2		31	35	30	4						
06/18/73	1101		8.3	70.0F		98	52	192	6.0	17	213	244	293	33.6	--	--		460		
0920	1101		93	21.1C	8.5	1710	4.89	4.28	8.35	.15	.57	3.49	5.08	8.26	.54	--	--	1040	256	3.9
						28	24	47	1	3	19	28	46	3						
07/17/73	1101		3.5	64.0F		77	58	151	8.0	0	268	270	173	34.5	--	--		432		
0610	1101		37	17.8C	8.2	1500	3.84	4.77	6.57	.20	.00	4.39	5.62	4.88	.56	--	--	903	211	3.2
						25	31	43	1		24	36	32	4						
08/15/73	1101		4.2	66.0F		124	41	140	7.0	0	285	255	166	48.2	--	--		481		
0625	1101		45	18.9C	8.2	1470	6.19	3.37	6.09	.14	.00	4.67	5.31	4.68	.78	--	--	921	245	2.8
						39	21	38	1		30	34	30	5						
09/20/73	1101		7.5	66.0F		115	52	145	5.0	27	227	248	203	57.8	--	--		504		
0945	1101		80	18.9C	8.4	1560	5.74	4.28	6.31	.13	.90	3.72	5.16	5.72	.93	--	--	964	270	2.8
						35	26	38	1	5	23	31	35	6						
Z8 1427.10 COYOTE CREEK NORTH FORK AT LEFFINGWELL RD																				
10/18/72	1101		10.5	55.0F		119	38	156	7.0	28	207	304	186	21.4	--	--		454		
	1101		99	12.8C	8.7	1520	5.94	3.13	6.79	.18	.93	3.39	6.33	5.25	.35	--	--	961	238	3.2
						37	20	42	1	6	21	39	32	2						
12/15/72	1101		10.7	43.0F		171	57	174	4.0	0	361	409	214	1.0	--	--		662		
0750	1101		86	6.1C	8.1	2030	8.53	4.69	7.57	.10	.00	5.92	8.52	6.03	.02	--	--	1208	365	2.9
						41	22	36			29	42	29							
01/15/73	1101		4.4	52.0F		147	47	147	5.0	0	321	308	210	33.1	--	--		560		
0700	1101		40	11.1C	8.2	1750	7.34	3.87	6.39	.13	.00	5.26	6.41	5.92	.53	--	--	1055	298	2.7
						41	22	36	1		29	35	33	3						
02/20/73	1101		0.0	53.0F		179	61	182	4.0	0	365	433	212	49.6	--	--		700		
0700	1101			11.7C	8.0	2120	8.93	5.02	7.92	.10	.00	5.98	9.02	5.98	.80	--	--	1300	399	3.0
						41	23	36			27	41	27	4						
03/21/73	1101		10.0	52.0F		93	24	80	6.0	0	192	199	98	22.2	--	--		332		
0700	1101		91	11.1C	7.7	971	4.64	1.97	3.48	.15	.00	3.15	4.14	2.76	.36	--	--	617	173	1.9
						45	19	34	1		30	40	27	3						
04/19/73	1101		8.4	62.0F		160	58	215	5.0	0	280	422	271	46.0	--	.2		636		
0700	1101		86	16.7C	8.1	2110	7.98	4.77	9.35	.13	.00	4.59	8.79	7.64	.74	--	--	1315	408	3.7
						36	21	42	1		21	40	35	1						
05/18/73	1101		8.8	62.0F		205	227	1850	62	0	333	590	3350	5.1	--	.0		1440		
0720	1101		90	16.7C	8.0	1630	10.23	18.67	80.48	1.59	.00	5.46	12.28	94.47	.08	--	--	6453	1173	21.2
						8	17	73	1		5	11	84							C
06/18/73	1101		13.1	74.0F		104	46	208	8.0	43	115	338	274	10.3	--	--		450		
0900	1101		152	23.3C	9.0	1730	5.19	3.78	9.05	.20	1.43	1.88	7.04	7.73	.17	--	--	1088	283	4.3
						28	21	50	1	8	10	39	42	1						
07/17/73	1101		3.5	70.0F		118	44	158	8.0	0	255	313	204	19.0	--	--		479		
0620	1101		39	21.1C	8.0	1630	5.89	3.62	6.87	.20	.00	4.18	6.52	5.75	.31	--	--	989	267	3.2
						36	22	41	1		25	39	34	2						
08/15/73	1101		10.5	71.0F		127	46	165	6.0	0	294	365	169	6.9	--	--		509		
0655	1101		118	21.6C	8.3	1600	6.34	3.78	7.18	.15	.00	4.82	7.60	4.77	.11	--	--	1029	265	3.2
						36	22	41	1		28	44	28	1						
09/20/73	1101		13.9	69.0F		142	50	158	20	2.0	311	359	184	27.8	--	--		562		
1005	1101		153	20.5C	8.4	1660	7.09	4.11	6.87	.51	.07	5.10	7.47	5.19	.45	--	--	1096	302	2.9
						38	22	37	3		28	41	28	2						
Z8 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS																				
03/21/73	1101		7.8	48.0F		49	10	38	15	0	146	78	46	14.4	--	--		163		
0515	1101		67	8.9C	7.8	543	2.45	.82	1.65	.38	.00	2.39	1.62	1.30	.23	--	--	322	44	1.3
						46	15	31	7		43	29	23	4						
04/19/73	1101		7.3	59.0F		82	23	111	6.0	0	201	242	84	10.4	--	--		302		
0530	1101		72	15.0C	7.9	1120	4.09	1.89	4.83	.15	.00	3.29	5.04	2.37	.17	--	--	657	135	2.8
	</																			

TABLE D-2 (CONT)

MINERAL ANALYSES OF SURFACE WATER																				
DATE TIME	SAMPLER LAB	G.M. D DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				TDS SUM	TURB SAR	REMARKS
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	SI02			
ZB 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS CONTINUED																				
07/17/73	1101		9.3			83	29	110	6.0	0	163	281	95	6.3	--	--		328		
	1101				8.3 1090	4.14	2.38	4.79	.15	.00	2.67	5.85	2.68	.10	--	--		690	2.6	
						36	21	42	1		24	52	24	1				193		
08/15/73	1101		7.4	72.0F		75	22	137	11	0	244	190	127	2.8	--	--		279		
0800	1101		84	22.2C	8.0 1230	3.74	1.81	5.96	.28	.00	4.00	3.96	3.58	.05	--	--		685	3.6	
						32	15	51	2		35	34	31					78		
09/17/73	1101		7.9	67.0F		97	21	109	6.0	0	164	280	103	5.3	--	--		326		
0850	1101		85	19.4C	7.9 1070	4.84	1.73	4.74	.15	.00	2.69	5.83	2.90	.09	--	--		702	2.6	
						42	15	41	1		23	51	25	1				194		
ZB 1780.00 SAN GABRIEL RIVER AT BEVERLY BLVD																				
12/15/72	1101		10.4	45.0F		85	29	113	6.0	0	179	289	101	.0	--	--		330		
	1101		85	7.2C	8.2 1220	4.24	2.38	4.92	.15	.00	2.93	6.02	2.85	.00	--	--		711	2.7	
						36	20	42	1		25	51	24					185		
01/15/73	1101		8.5	53.0F		88	29	103	7.0	0	173	292	98	8.1	--	--		341		
0715	1101		78	11.7C	7.9 1210	4.39	2.38	4.48	.18	.00	2.84	6.08	2.76	.13	--	--		710	2.4	
						38	21	39	2		24	51	23	1				197		
02/20/73	1101		8.3	52.0F		62	15	44	8.0	0	233	73	44	11.4	--	--		215		
	1101		75	11.1C	8.1 656	3.09	1.23	1.91	.20	.00	3.82	1.52	1.24	.18	--	--		372	1.3	
						48	19	30	3		57	22	18	3				25		
03/21/73	1101		6.3	51.0F		54	11	46	16	0	161	87	50	7.8	--	--		193		
0540	1101		56	10.5C	7.7 608	2.69	.90	2.00	.41	.00	2.64	1.81	1.41	.13	--	--		351	1.5	
						45	15	33	7		44	30	24	2				48		
04/19/73	1101		8.4	51.0F		77	24	110	8.0	0	209	225	94	10.2	--	--		289		
0710	1101		85	16.1C	7.8 1100	3.84	1.97	4.79	.20	.00	3.43	4.68	2.65	.16	--	--		651	2.4	
						36	18	44	2		31	43	24	1				119		
05/18/73	1101		7.9	63.0F		87	29	107	6.0	0	176	276	95	8.7	--	--		338		
0715	1101		82	17.2C	8.2 1170	4.34	2.38	4.65	.15	.00	2.88	5.75	2.68	.14	--	--		695	2.5	
						38	21	40	1		25	50	23	1				192		
06/18/73	1101		7.1	63.0F		90	30	112	6.0	0	189	291	95	6.9	--	--		348		
0530	1101		73	17.2C	8.1 1140	4.49	2.47	4.87	.15	.00	3.10	6.06	2.68	.11	--	--		724	2.6	
						37	21	41	1		26	51	22	1				193		
07/17/73	1101		6.5	63.0F		77	31	110	5.0	11	116	290	94	4.6	--	--		321		
0600	1101		67	17.2C	8.6 1140	3.84	2.55	4.79	.13	.37	1.90	6.04	2.65	.07	--	--		680	2.7	
						34	23	42	1		17	55	24	1				204		
09/20/73	1101		6.6	67.0F		87	30	111	6.0	0	176	280	98	8.0	--	--		342		
0710	1101		71	19.4C	8.0 1100	4.34	2.47	4.83	.15	.00	2.88	5.83	2.76	.13	--	--		707	2.6	
						37	21	41	1		25	50	24	1				197		
ZB 5170.00 RIO HONDO RIVER NEAR DOWNEY																				
10/18/72	1101			59.0F		69	21	132	9.0	0	252	191	112	.0	--	--		261		
0745	1101			15.0C	8.2 1140	3.44	1.73	5.74	.23	.00	4.13	3.98	3.16	.00	--	--		658	3.6	
						31	16	52	2		37	35	28					52		
01/15/73	1101		8.5	56.0F		82	24	150	10	7.0	195	229	175	.0	--	--		305		
0745	1101		81	13.3C	8.4 1340	4.09	1.97	6.53	.26	.23	3.20	4.77	4.94	.00	--	--		773	1.7	
						32	15	51	2		24	36	38					132		
02/20/73	1101		11.6	48.0F		69	20	89	6.0	13	148	182	86	.0	--	--		256		
0800	1101		100	8.9C	8.4 965	3.44	1.64	3.87	.15	.43	2.43	3.79	2.43	.00	--	--		538	2.4	
						38	18	43	2	5	27	42	27					111		
03/21/73	1101		10.1	42.0F		52	11	71	6.0	0	132	84	96	.0	--	--		175		
0630	1101		80	5.6C	8.0 740	2.59	.90	3.09	.15	.00	2.16	1.75	2.71	.00	--	--		385	2.3	
						38	13	46	2		33	26	41					67		
04/19/73	1101		11.5	60.0F		59	22	205	9.0	0	172	281	163	1.5	--	--		237		
	1101		115	15.5C	8.2 1460	2.94	1.81	8.92	.23	.00	2.82	5.85	4.60	.02	--	--		825	4.2	
						21	13	64	2		21	44	35					97		
05/18/73	1101		5.8	63.0F		114	35	174	12	0	278	347	156	.0	--	--		431		
	1101		60	17.2C	8.2 1620	5.69	2.88	7.57	.31	.00	4.56	7.22	4.40	.00	--	--		975	3.7	
						35	18	46	2		28	45	27					201		
06/18/73	1101		4.5	61.0F		124	13	247	19	0	293	360	220	.0	--	--		365		
0630	1101		45	16.1C	8.1 1840	6.19	1.07	10.74	.49	.00	4.80	7.50	6.20	.00	--	--		1127	5.6	
						33	6	58	3		26	41	34					123		
07/17/73	1101		4.8	59.0F		115	14	70	9.0	0	235	195	76	7.1	--	--		345		
0645	1101		47	15.0C	8.3 996	5.74	1.15	3.05	.23	.00	3.85	4.06	2.14	.11	--	--		602	1.6	
						56	11	30	2		38	40	21	1				152		
08/15/73	1101		11.4	68.0F		110	23	63	4.0	8.0	208	198	84	15.7	--	--		372		
0730	1101		125	20.0C	8.4 967	5.49	1.89	2.74	.10	.27	3.41	4.12	2.37	.25	--	--		608	1.4	
						54	18	27	1	3	33	80	23	2				185		
09/20/73	1101		7.7	62.0F		138	34	224	18	0	321	387	216	.0	--	--		484		
0745	1101		79	16.7C	8.3 1850	6.89	2.80	9.74	.46	.00	5.26	8.06	6.09	.00	--	--		1175	4.4	
						35	14	49	2		27	42	31					222		



TABLE D-3

MINOR ELEMENT ANALYSES OF SURFACE WATER

The constituents are as follows:

Arsenic	Iron
Barium	Manganese
Cadmium	Mercury
Chromium	Lead
Chromium Hexavalent	Selenium
Copper	Silver
	Zinc

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
DEPTH	- Depth in feet at which sample was collected
DISCH	- Instantaneous discharge in cubic feet per second
EC	- Electrical conductance in micromhos at 25° Celsius
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) and Celsius (C)
pH	- Measure of acidity or alkalinity of water
D	- Dissolved
T	- Total

The Lab and Sampler codes are as follows:

1101	- Los Angeles County Flood Control District
4412	- The Metropolitan Water District of Southern California
5000	- United States Geological Survey
5050	- Department of Water Resources
5229	- City of San Diego Water Department
5239	- Long Beach Health Department
5411	- United Water Conservation District
5867	- Fruit Growers Laboratory

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM		CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
V2 1882.50 TWIN LAKES AT OUTLET BELOW DAM, STATION NO. 3													
10/11/72	5050		7 E	42 F					0.00	T	0.00	T	
1045	5050	0		7.7	0.00	T	0.00	T	0.73	T	0.05	T	0.08 T
V2 1883.00 LAKE NAMIE AT OUTLET ABOVE DAM													
10/11/72	5050		5 E	44 F					0.00	T	0.01	T	
1015	5050	0		6.9	0.00	T	0.00	T	0.42	T	0.11	T	0.02 T
V2 1884.00 LAKE MARY AT OUTLET BELOW DAM													
10/10/72	5050		1.5	46 F					0.03	T	0.00	T	
1435	5050	0		7.0	0.00	T	0.00	T	0.34	T	0.15	T	0.01 T
V2 1884.05 LAKE GEORGE AT END OF BOAT DOCK													
10/10/72	5050			48 F					0.02	T	0.01	T	
1410	5050			7.0	0.00	T	0.00	T	0.16	T	0.05	T	0.06 T
V2 1884.10 LAKE GEORGE OVERFLOW NEAR LAKE MARY													
10/10/72	5050		1 E	45 F					0.03	T	0.00	T	
1500	5050	0		7.0	0.00	T	0.00	T	0.23	T	0.09	T	0.04 T
V2 1884.35 COLD WATER CREEK AT LAKE MARY													
10/10/72	5050		1 E	40 F					0.02	T	0.10	T	
1525	5050	0		7.0	0.00	T	0.00	T	0.19	T	0.01	T	0.10 T
V2 1884.40 MAMMOTH CREEK AT LAKE MARY													
10/10/72	5050		0.5	41 F					0.02	T	0.00	T	
1545	5050	0		6.9	0.00	T	0.00	T	0.24	T	0.01	T	0.02 T
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE													
05/29/73	5050			93.0F			0.1 D	0.00 D	0.00 D	0.01 D	0.0000 T	0.00 D	
1430	5050				0.00 D	0.00 D	--	--	0.04 D	0.00 D	0.00 D	0.00 D	
V9 2095.00 MOJAVE RIVER BL FORKS RES NR HESPERIA													
05/29/73	5050		40 E	75.0F			0.0 D	0.00 D	0.00 D	0.01 D	0.0001 T	0.00 D	
1600	5050				0.00 D	0.00 D	--	--	0.04 D	0.00 D	0.00 D	0.00 D	
W2 1560.00 COLORADO RIVER NEAR TOPOCK													
10/02/72	5000		11210		--	--	--	--	0.010 D	--	--	--	
0900													
11/01/72	5000		8790		--	--	--	--	0.030 D	--	--	--	
0920													
12/01/72	5000		8500	13.0C	--	--	--	--	0.020 D	--	--	--	
1210													
01/04/73	5000		10480	9.5C	--	--	--	--	0.009 D	--	--	--	
1130													
03/01/73	5000		10460		--	--	--	--	0.009 D	--	--	--	
1220													
04/02/73	5000		9240		--	--	--	--	0.009 D	--	--	--	
1015													
05/01/73	5000		14900	14.0C	--	--	--	--	0.009 D	--	--	--	
0915													
06/14/73	5000		14250	16.0C	--	--	--	--	0.009 D	--	--	--	
1050													
07/03/73	5000		17370		--	--	--	--	0.010 D	--	--	--	
1200													
08/01/73	5000		17540	19.0C	--	--	--	--	0.020 D	--	--	--	
1100													
09/04/73	5000		12920	20.0C	--	--	--	--	0.000 D	--	--	--	
1130													
W2 1775.10 COLORADO RIVER BELOW PARKER DAM													
10/01/72	5000		9310		--	--	--	--	0.020 D	--	--	--	
0815													
11/05/72	5000		9300		--	--	--	--	0.020 D	--	--	--	
1200													
12/03/72	5000		4410		--	--	--	--	0.020 D	--	--	--	
1100													
01/07/73	5000		8830		--	--	--	--	0.020 D	--	--	--	
1115													
02/04/73	5000		9310		--	--	--	--	0.009 D	--	--	--	
0945													
04/01/73	5000		16160		--	--	--	--	0.009 D	--	--	--	
0845													
05/06/73	5000		18200		--	--	--	--	0.020 D	--	--	--	
1130													
06/03/73	5000		9000		--	--	--	--	0.009 D	--	--	--	
0900													
08/05/73	5000		15900		--	--	--	--	0.000 D	--	--	--	
0910													

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER												
10/02/72 5000 1155					--	--	--	0.010 D	--	--	--	
11/06/72 5000 1240					--	--	--	0.010 D	--	--	--	
12/04/72 5000 1240				14.5C	--	--	--	0.009 D	--	--	--	
02/12/73 5000 1350				11.0C	--	--	--	0.009 D	--	--	--	
03/05/73 5000 1110					--	--	--	0.009 D	--	--	--	
04/02/73 5000 1000				16.0C	--	--	--	0.009 D	--	--	--	
04/30/73 5000 1305		1230		18.5C	--	--	--	0.070 D	--	--	--	
06/04/73 5000 0915				23.0C	--	--	--	0.020 D	--	--	--	
07/02/73 5000 0920				23.5C	--	--	--	0.010 D	--	--	--	
07/30/73 5000 0920		1250		24.0C	--	--	--	0.010 D	--	--	--	
09/04/73 5000 1010				24.5C	--	--	--	0.000 D	--	--	--	
W2 1985.05 COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE												
12/00/72 4412				57.0F	--	--	--	0.15 T	--	--	--	
06/00/73 4412				67.0F	--	--	--	0.04 T	--	--	--	
W3 1450.00 WHITEWATER RIVER NEAR WHITEWATER												
05/30/73 5050 1030 5050				73.0F	0.00 D	0.0 D 0.00 D	0.00 D	0.01 D 0.03 D	0.01 D 0.00 D	0.0000 T 0.00 D	0.00 D 0.00 D	
W7 1400.00 COLORADO RIVER BELOW CIBOLA VALLEY												
10/02/72 5000 0800					--	--	--	0.010 D	--	--	--	
11/06/72 5000 0900					--	--	--	0.010 D	--	--	--	
12/04/72 5000 0900					--	--	--	0.009 D	--	--	--	
01/02/73 5000 0930		7680			--	--	--	0.009 D	--	--	--	
02/11/73 5000 0935		6800		11.5C	--	--	--	0.009 D	--	--	--	
03/05/73 5000 1400		8590		15.0C	--	--	--	0.009 D	--	--	--	
04/02/73 5000 1340				14.5C	--	--	--	0.030 D	--	--	--	
04/30/73 5000 0835		10700		20.0C	--	--	--	0.009 D	--	--	--	
06/04/73 5000 1300		7130		26.0C	--	--	--	0.009 D	--	--	--	
07/30/73 5000 1300		11500		26.0C	--	--	--	0.010 D	--	--	--	
09/04/73 5000 1315		4660		26.5C	--	--	--	0.010 D	--	--	--	
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM												
10/11/72 5000		3650			--	--	--	0.010 D	--	--	--	
10/18/72 5000		3560			--	--	--	0.020 D	--	--	--	
10/25/72 5000		3390			--	--	--	0.040 D	--	--	--	
11/01/72 5000		5430			--	--	--	0.020 D	--	--	--	
11/08/72 5000		6330			--	--	--	0.010 D	--	--	--	
11/22/72 5000		3130			--	--	--	1.200 D	--	--	--	
12/06/72 5000		6070			--	--	--	0.020 D	--	--	--	
12/13/72 5000		6670			--	--	--	0.009 D	--	--	--	
12/20/72 5000		6080			--	--	--	0.009 D	--	--	--	

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS



## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM CONTINUED												
01/03/73	5000		7210		--	--	--	0.009 D	--	--	--	
01/10/73	5000		7220		--	--	--	0.009 D	--	--	--	
02/10/73	5000		5320		--	--	--	0.009 D	--	--	--	
02/20/73	5000		5900		--	--	--	0.009 D	--	--	--	
03/01/73	5000		6430		--	--	--	0.009 D	--	--	--	
03/10/73	5000		8160		--	--	--	0.009 D	--	--	--	
03/20/73	5000		8630		--	--	--	0.009 D	--	--	--	
03/30/73	5000		11440		--	--	--	0.020 D	--	--	--	
04/10/73	5000		11720		--	--	--	0.009 D	--	--	--	
04/20/73	5000		11000	19.0C	--	--	--	0.009 D	--	--	--	
04/30/73	5000		10260		--	--	--	0.000 D	--	--	--	
05/10/73	5000		9888		--	--	--	0.020 D	--	--	--	
05/20/73	5000		8397		--	--	--	0.009 D	--	--	--	
05/31/73	5050 0630			78.0F	0.00 D	0.1 D 0.00 D	0.00 D	0.00 D 0.00 D	0.01 D 0.00 D	0.0000 T 0.00 D	0.00 D 0.01 D	D D
06/01/73	5000		8290		--	--	--	0.009 D	--	--	--	
06/11/73	5000		9010		--	--	--	0.009 D	--	--	--	
06/20/73	5000		8650		--	--	--	0.009 D	--	--	--	
06/30/73	5000		9410		--	--	--	0.010 D	--	--	--	
07/30/73	5000		10730		--	--	--	0.020 D	--	--	--	
08/10/73	5000		10240		--	--	--	0.010 D	--	--	--	
08/20/73	5000		8910		--	--	--	0.020 D	--	--	--	
W7 1905.00 PALO VERDE CANAL NEAR BLYTHE												
10/02/72	5000 1025		1190	22.0C	--	--	--	0.010 D	--	--	--	
11/06/72	5000 1100				--	--	--	0.010 D	--	--	--	
12/04/72	5000 1110			14.0C	--	--	--	0.020 D	--	--	--	
02/12/73	5000 1145		806	11.5C	--	--	--	0.009 D	--	--	--	
03/05/73	5000 0850		1150	13.0C	--	--	--	0.009 D	--	--	--	
04/02/73	5000 0840			14.5C	--	--	--	0.009 D	--	--	--	
04/30/73	5000 1100		1990	19.5C	--	--	--	0.040 D	--	--	--	
06/04/73	5000 0730			23.5C	--	--	--	0.009 D	--	--	--	
07/02/73	5000 0700		1840	24.5C	--	--	--	0.000 D	--	--	--	
07/30/73	5000 0705		1870	25.5C	--	--	--	0.020 D	--	--	--	
09/04/73	5000 0745			24.0C	--	--	--	0.010 D	--	--	--	
W9 2205.10 ROSE DRAIN AT THE ALAMO RIVER												
05/30/73	5050 1430			84.0F	0.00 D	0.1 D 0.00 D	0.00 D	0.01 D 0.02 D	0.01 D 0.11 D	0.0001 T 0.00 D	0.00 D 0.02 D	D D

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP °F	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
W9 2250.10 CENTRAL DRAIN AT THE ALAMO RIVER												
05/30/73	5050			84.0F								
1630	5050				0.00 D	0.0 D	0.00 D	0.01 D	0.01 D	0.0001 T	0.00 D	
						0.00 D	--	0.02 D	0.16 D	0.00 D	0.01 D	
X2 1350.00 SANTA MARGARITA RIVER NEAR FALLBROOK												
05/31/73	5050			65.0F								
1230	5050				0.00 D	0.00 D	0.00 D	0.00 D	0.00 D	.0001 T	0.00 D	
							--	0.01 D	0.15 D	0.00 D	0.00 D	
X4 1200.00 SAN DIEGUITO RIVER AT LAKE HODGES												
10/03/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.41 T	--	--	
11/07/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	1.8 T	--	--	
12/05/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.08 T	--	--	
01/05/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.0 T	--	--	
02/06/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.01 T	--	--	
03/06/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.01 T	--	--	
04/03/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.06 T	0.01 T	--	--	
05/08/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.02 T	--	--	
06/05/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.04 T	0.01 T	--	--	
07/13/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.01 T	--	--	
08/07/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.02 T	--	--	
09/11/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.08 T	--	--	
X4 2500.00 SANTA YSABEL CREEK AT SUTHERLAND DAM												
11/07/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.07 T	--	--	
05/15/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.02 T	--	--	
X5 1160.00 ALVARADO CANYON AT MURRAY DAM												
10/31/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.07 T	--	--	
05/01/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.01 T	--	--	
08/03/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.01 T	--	--	
X5 1320.00 SAN VICENTE CREEK AT SAN VICENTE DAM												
01/02/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.0 T	--	--	
03/27/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.0 T	--	--	
07/02/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.02 T	0.0 T	--	--	
X5 1520.00 SAN DIEGO RIVER AT EL CAPITAN DAM												
01/02/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.05 T	0.01 T	--	--	
03/27/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.04 T	0.0 T	--	--	
07/02/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.03 T	0.0 T	--	--	
X5 1990.10 ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR												
10/00/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.01 T	--	--	
11/00/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	
12/00/72	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	
01/00/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	
02/00/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	
03/00/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	
04/00/73	5229				--	--	--	--	--	--	--	
	5229				--	--	--	0.01 T	0.0 T	--	--	

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
X5 1990.10			ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR						CONTINUED			
05/00/73	5229				--	--	--	0.01	T	--	--	--
	5229				--	--	--	0.02	T	--	--	--
06/00/73	5229				--	--	--	0.02	T	--	--	--
	5229				--	--	--	0.01	T	--	--	--
07/00/73	5229				--	--	--	0.02	T	--	--	--
	5229				--	--	--	0.01	T	--	--	--
08/00/73	5229				--	--	--	0.01	T	--	--	--
	5229				--	--	--	0.02	T	--	--	--
09/00/73	5229				--	--	--	0.03	T	--	--	--
	5229				--	--	--	0.0	T	--	--	--
X5 6200.10			MIRAMAR RESERVOIR NEAR MIRAMAR									
04/30/73	5229				--	--	--	0.01	T	0.02	T	--
	5229				--	--	--	0.02	T	--	--	--
07/31/73	5229				--	--	--	0.03	T	0.0	T	--
	5229				--	--	--	0.0	T	--	--	--
X5 6990.10			MIRAMAR FILTRATION PLANT BELOW MIRAMAR									
10/00/72	5229				--	--	--	0.05	T	0.0	T	--
	5229				--	--	--	0.07	T	0.0	T	--
11/00/72	5229				--	--	--	0.01	T	0.03	T	--
	5229				--	--	--	0.01	T	0.01	T	--
01/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
02/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
03/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
04/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
05/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
06/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.02	T	0.01	T	--
07/00/73	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.02	T	0.0	T	--
08/00/73	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.02	T	0.0	T	--
09/00/73	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.0	T	--	--	--
X7 1300.00			OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)									
04/30/73	5229				--	--	--	0.03	T	0.01	T	--
	5229				--	--	--	0.04	T	0.0	T	--
07/31/73	5229				--	--	--	0.04	T	0.0	T	--
	5229				--	--	--	0.0	T	--	--	--
X7 1320.10			OTAY RIVER AT UPPER OTAY RESERVOIR									
01/30/73	5229				--	--	--	0.01	T	0.02	T	--
	5229				--	--	--	0.04	T	0.02	T	--
02/27/73	5229				--	--	--	0.04	T	0.02	T	--
	5229				--	--	--	0.02	T	0.03	T	--
08/30/73	5229				--	--	--	0.02	T	0.03	T	--
	5229				--	--	--	0.03	T	--	--	--
X7 1990.10			LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.									
10/00/72	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.01	T	--
11/00/72	5229				--	--	--	0.01	T	0.01	T	--
	5229				--	--	--	0.02	T	0.0	T	--
12/00/72	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.02	T	0.0	T	--
01/00/73	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
02/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
03/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
04/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
05/00/73	5229				--	--	--	0.01	T	0.0	T	--
	5229				--	--	--	0.01	T	0.0	T	--
06/00/73	5229				--	--	--	0.02	T	0.0	T	--
	5229				--	--	--	0.02	T	0.0	T	--
07/00/73	5229				--	--	--	0.02	T	0.01	T	--
	5229				--	--	--	0.02	T	0.01	T	--

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN. MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
X7 1990.10 LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES. CONTINUED												
08/00/73	5229				--	--	--	0.02 T	0.0 T	--	--	
09/00/73	5229				--	--	--	0.01 T	0.0 T	--	--	
X8 2210.00 COTTONWOOD CREEK AT BARRETT DAM												
11/27/72	5229				--	--	--	0.03 T	0.03 T	--	--	
06/01/73	5229				--	--	--	0.05 T	0.07 T	--	--	
X8 2430.00 COTTONWOOD CREEK AT MORENA DAM												
11/30/72	5229				--	--	--	0.02 T	0.02 T	--	--	
06/01/73	5229				--	--	--	0.03 T	0.0 T	--	--	
Y1 1550.00 SANTA ANA RIVER BELOW PRADO DAM												
05/29/73	5050		67.0F			0.0 D	0.00 D	0.00 D	0.01 D	0.0001 T	0.00 D	D
0900	5050				0.00 D	0.00 D	--	0.02 D	0.51 D	0.00 D	0.01 D	D
Y5 1100.00 SANTA ANA RIVER AT E STREET BRIDGE												
05/30/73	5050		74.0F			0.1 D	0.00 D	0.01 D	0.02 D	0.0001 T	0.00 D	D
0630	5050				0.00 D	0.00 D	--	0.03 D	0.01 D	0.00 D	0.04 D	D
Z1 5150.00 MATILIJIA CREEK BELOW DAM												
06/01/73	5050		65.0F			0.0 D	0.00 D	0.00 D	0.01 D	0.0001 T	0.00 D	D
0730	5050				0.00 D	0.00 D	--	0.01 D	0.01 D	0.00 D	0.00 D	D
Z2 1300.00 SANTA PAULA CREEK NEAR SANTA PAULA												
06/01/73	5050		64.0F			0.1 D	0.00 D	0.00 D	0.00 D	0.0001 T	0.00 D	D
0900	5050				0.00 D	0.00 D	--	0.02 D	0.00 D	0.00 D	0.00 D	D
Z2 1360.10 SANTA CLARA RIVER NEAR SANTA PAULA												
06/01/73	5050		250 E 67.0F			0.1 D	0.00 D	0.00 D	0.01 D	0.0001 T	0.00 D	D
1000	5050				0.00 D	0.00 D	--	0.00 D	0.01 D	0.02 D	0.00 D	D
Z2 1702.00 SANTA CLARA RIVER AT HWY 99												
10/04/72	1101		59.0F		--	--	--	--	--	0.0 T	--	
0630	1101				--	--	--	--	--	--	--	
11/02/72	1101		51.0F		--	--	--	--	--	0.0 T	--	
0545	1101				--	--	--	--	--	--	--	
12/01/72	1101		50.0F		--	--	--	--	--	0.0 T	--	
0515	1101				--	--	--	--	--	--	--	
01/03/73	1101		41.0F		--	--	--	--	--	0.0 T	--	
0630	1101				--	--	--	--	--	--	--	
03/07/73	1101		47.0F		--	--	--	--	--	0.0 T	--	
0600	1101				--	--	--	--	--	--	--	
04/05/73	1101		48.0F		--	--	--	--	--	0.0 T	--	
0640	1101				--	--	--	--	--	--	--	
05/04/73	1101		52.0F		--	--	--	--	--	0.01 T	--	
0545	1101				--	--	--	--	--	--	--	
06/01/73	5050		7 E 65.0F			0.1 D	0.00 D	0.01 D	0.01 D	0.0000 T	0.00 D	D
1500	5050				0.00 D	0.00 D	--	0.00 D	0.00 D	0.00 D	0.00 D	D
06/04/73	1101		60.0F		--	--	--	--	--	0.0 T	--	
0600	1101				--	--	--	--	--	--	--	
07/03/73	1101		56.0F		--	--	--	--	--	0.0 T	--	
0610	1101				--	--	--	--	--	--	--	
08/01/73	1101		61.0F		--	--	--	--	--	0.0 T	--	
0550	1101				--	--	--	--	--	--	--	
09/06/73	1101		60.0F		--	--	--	--	--	0.0 T	--	
0540	1101				--	--	--	--	--	--	--	
Z2 2150.00 SESPE CREEK NEAR FILLMORE												
06/01/73	5050		66.0F			0.0 D	0.00 D	0.00 D	0.01 D	0.0001 T	0.00 D	D
1100	5050				0.00 D	0.00 D	--	0.01 D	0.00 D	0.00 D	0.00 D	D
Z2 3240.00 PIRU CREEK BELOW SANTA FELICIA DAM												
06/01/73	5050		55.0F			0.1 D	0.00 D	0.00 D	0.01 D	0.0000 T	0.00 D	D
1230	5050				0.00 D	0.00 D	--	0.00 D	0.46 D	0.00 D	0.00 D	D
07/31/73	5411				--	--	--	--	--	--	--	
5867					--	--	--	0. T	0.07 D	--	--	
Z2 3375.00 PIRU LAKE NEAR PIRU												
03/20/73	5411				--	--	--	0. T	0.0 D	--	--	
5867					--	--	--	--	--	--	--	
07/02/73	5411				--	--	--	0. T	0.0 D	--	--	
5867					--	--	--	--	--	--	--	
07/31/73	5411				--	--	--	0. T	0.0 D	--	--	
5867					--	--	--	--	--	--	--	
09/04/73	5411				--	--	--	--	--	--	--	
1130	5867				--	--	--	0. T	0.0 D	--	--	

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
73 1135.00 SANTA CLARA RIVER AT L.A.-VENTURA CO. LINE												
06/01/73 1330	5050 5050		30 E	67.0F	0.00 D	0.1 0.00 D	0.00 D	0.00 D 0.00 D	0.01 D 0.02 D	0.0000 T 0.00 D	0.00 D 0.00 D	
75 1020.10 MALIBU CREEK AT PACIFIC COAST HWY												
10/04/72 0725	1101 1101			61.0F	--	--	--	--	--	0.0 T --	--	--
11/02/72 0645	1101 1101			51.0F	--	--	--	--	--	0.0 T --	--	--
12/01/72 0645	1101 1101			48.0F	--	--	--	--	--	0.0 T --	--	--
01/03/73 0730	1101 1101			44.0F	--	--	--	--	--	0.0 T --	--	--
03/07/73 0750	1101 1101			53.0F	--	--	--	--	--	0.0 T --	--	--
04/05/73 0720	1101 1101			55.0F	--	--	--	--	--	0.0 T --	--	--
05/04/73 0730	1101 1101			59.0F	--	--	--	--	--	0.0 T --	--	--
06/04/73 0725	1101 1101			64.0F	--	--	--	--	--	0.0 T --	--	--
07/03/73 0720	1101 1101			64.0F	--	--	--	--	--	0.01 T --	--	--
08/01/73 0725	1101 1101			65.0F	--	--	--	--	--	0.02 T --	--	--
09/06/73 0700	1101 1101			65.0F	--	--	--	--	--	0.0 T --	--	--
75 2150.00 TOPANGA CREEK ABOVE PACIFIC COAST HWY												
10/04/72 0800	1101 1101			60.0F	--	--	--	--	--	0.0 T --	--	--
11/02/72 0710	1101 1101			50.0F	--	--	--	--	--	0.0 T --	--	--
12/01/72 0705	1101 1101			49.0F	--	--	--	--	--	0.0 T --	--	--
01/03/73 0800	1101 1101			43.0F	--	--	--	--	--	0.0 T --	--	--
03/07/73 0730	1101 1101			48.0F	--	--	--	--	--	0.0 T --	--	--
05/04/73 0710	1101 1101			56.0F	--	--	--	--	--	0.1 T --	--	--
06/04/73 0705	1101 1101			62.0F	--	--	--	--	--	0.0 T --	--	--
07/03/73 0800	1101 1101			60.0F	--	--	--	--	--	0.0 T --	--	--
08/01/73 0730	1101 1101			61.0F	--	--	--	--	--	0.0 T --	--	--
09/06/73 0800	1101 1101			62.0F	--	--	--	--	--	0.0 T --	--	--
75 3200.10 BALLONA CREEK AT LINCOLN BLVD												
10/18/72 0710	1101 1101			61.0F	--	--	--	--	--	0.0 T --	--	--
12/15/72 0615	1101 1101			48.0F	--	--	--	--	--	0.02 T --	--	--
01/15/73 0655	1101 1101			59.0F	--	--	--	--	--	0.0 T --	--	--
02/20/73 0610	1101 1101			58.0F	--	--	--	--	--	0.0 T --	--	--
03/21/73 0540	1101 1101			54.0F	--	--	--	--	--	0.0 T --	--	--
04/19/73 0700	1101 1101			59.0F	--	--	--	--	--	0.0 T --	--	--
05/18/73 0625	1101 1101			64.0F	--	--	--	--	--	0.0 T --	--	--
06/18/73 1101	1101 1101			66.0F	--	--	--	--	--	0.0 T --	--	--
07/17/73 0650	1101 1101			63.0F	--	--	--	--	--	0.0 T --	--	--
08/15/73 0700	1101 1101			71.0F	--	--	--	--	--	0.0 T --	--	--
09/20/73 0600	1101 1101			66.0F	--	--	--	--	--	0.01 T --	--	--

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP FH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
26 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY											
10/04/72 0945	5239			68.0F	--	--	0.01 T	--	--	--	
11/01/72 1050	5239			60.0F	--	--	0.00 T	--	--	--	
12/06/72 1000	5239			54.0F	--	--	0.00 T	--	--	--	
01/03/73 0915	5239			55.0F	--	--	0.00 T	--	--	--	
04/04/73 0945	5239			58.0F	--	--	0.043 T	--	--	--	
05/02/73 0950	5239			59.0F	--	--	0.02 T	--	--	--	
06/06/73 1115	5239			75.2F	--	--	0.00 T	--	--	--	
07/11/73 1045	5239			68.0F	--	--	0.00 T	--	--	--	
08/01/73 1115	5239			62.0F	--	--	0.00 T	--	--	--	
09/05/73 1000	5239			69.8F	--	--	0.024 T	--	--	--	
26 1120.10 LOS ANGELES RIVER AT WILLOW STREET											
10/04/72 0620	1101			63.0F	--	--	--	--	0.0 T	--	
11/02/72 0635	1101			52.0F	--	--	--	--	0.0 T	--	
12/01/72 0720	1101			47.0F	--	--	--	--	0.0 T	--	
01/03/73 0700	1101			45.0F	--	--	--	--	0.0 T	--	
03/07/73 0545	1101			51.0F	--	--	--	--	0.0 T	--	
04/05/73 0640	1101			51.0F	--	--	--	--	0.0 T	--	
05/04/73 0700	1101			63.0F	--	--	--	--	0.01 T	--	
06/04/73 0555	1101			65.0F	--	--	--	--	0.05 T	--	
07/03/73 0630	1101			68.5F	--	--	--	--	0.0 T	--	
08/01/73 0645	1101			70.0F	--	--	--	--	0.0 T	--	
09/06/73 0545	1101			64.0F	--	--	--	--	0.0 T	--	
26 3025.10 DOMINGUEZ CHANNEL AT ANAHEIM ST											
10/04/72 0712	1101			67.0F	--	--	--	--	0.0 T	--	
11/02/72 0700	1101			61.0F	--	--	--	--	0.0 T	--	
12/01/72 0630	1101			59.0F	--	--	--	--	0.0 T	--	
01/03/73 0615	1101			55.0F	--	--	--	--	0.0 T	--	
03/07/73 0630	1101			54.0F	--	--	--	--	0.0 T	--	
04/05/73 0600	1101			60.0F	--	--	--	--	0.0 T	--	
06/04/73 0600	1101			65.0F	--	--	--	--	0.0 T	--	
07/02/73 1101	1101			65.0F	--	--	--	--	0.02 T	--	
08/01/73 0715	1101			73.0F	--	--	--	--	0.0 T	--	
09/06/73 1101	1101			67.0F	--	--	--	--	0.01 T	--	
26 9745.10 RIO MONDO RIVER AT RIO MONDO SPREADING GROUNDS											
03/21/73 0600	1101			53.0F	--	--	1.38 T	0.08 T	--	--	
04/19/73 1101	1101			60.0F	--	--	0.20 T	0.08 T	--	--	
05/18/73 1101	1101			65.0F	--	--	0.50 T	0.0 T	--	--	
06/18/73 0600	1101			65.5F	--	--	0.06 T	0.0 T	--	--	

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
26 9745.10 RIO MONDO RIVER AT RIO MONDO SPREADING GROUNDS CONTINUED												
07/17/73	1101			61.0F	--	--	--	--	--	--	--	
	1101				--	--	--	0.22 T	0.0 T	--	--	
08/15/73	1101			72.0F	--	--	--	0.25 T	0.05 T	--	--	
	1101				--	--	--	--	--	--	--	
09/17/73	1101			70.0F	--	--	--	--	--	--	--	
	0820 1101				--	--	--	0.15 T	0.0 T	--	--	
27 1927.10 SAN GABRIEL RIVER AT AZUSA POWERHOUSE												
05/29/73	5050		73 F	62.0F	0.00 D	0.0 D	0.00 D	0.01 D	0.02 D	0.0000 T	0.00 D	D
	0700 5050				--	--	--	0.02 D	0.00 D	0.00 D	0.02 D	
27 5126.10 RIO MONDO RIVER AT POMONA FWY												
03/21/73	1101			47.0F	--	--	--	--	--	--	--	
	0515 1101				--	--	--	0.80 T	0.0 T	--	--	
04/19/73	1101			59.0F	--	--	--	--	--	--	--	
	0615 1101				--	--	--	0.22 T	0.23 T	--	--	
05/18/73	1101			65.0F	--	--	--	--	--	--	--	
	1101				--	--	--	0.40 T	0.10 T	--	--	
06/18/73	1101			65.0F	--	--	--	--	--	--	--	
	0515 1101				--	--	--	0.01 T	0.0 T	--	--	
08/15/73	1101			70.0F	--	--	--	--	--	--	--	
	0600 1101				--	--	--	0.25 T	0.0 T	--	--	
09/20/73	1101			65.0F	--	--	--	--	--	--	--	
	0640 1101				--	--	--	0.16 T	0.08 T	--	--	
27 7050.00 SAN JOSE CREEK AT WORKMAN MILL RD												
03/21/73	1101			47.0F	--	--	--	--	--	--	--	
	0800 1101				--	--	--	0.67 T	0.25 T	--	--	
04/19/73	1101				--	--	--	--	--	--	--	
	1101				--	--	--	0.10 T	0.08 T	--	--	
05/18/73	1101			62.0F	--	--	--	--	--	--	--	
	0805 1101				--	--	--	0.40 T	0.10 T	--	--	
06/18/73	1101			66.0F	--	--	--	--	--	--	--	
	0845 1101				--	--	--	0.16 T	0.0 T	--	--	
07/17/73	1101			64.0F	--	--	--	--	--	--	--	
	0700 1101				--	--	--	0.22 T	--	--	--	
08/15/73	1101			66.0F	--	--	--	--	--	--	--	
	0735 1101				--	--	--	0.38 T	0.0 T	--	--	
09/20/73	1101			66.0F	--	--	--	--	--	--	--	
	1035 1101				--	--	--	0.30 T	0.09 T	--	--	
28 1060.10 SAN GABRIEL RIVER AT PACIFIC COAST HWY												
10/18/72	1101			77.0F	--	--	--	--	--	0.00 T	--	
	0730 1101				--	--	--	--	--	--	--	
12/15/72	1101			73.0F	--	--	--	--	--	0.01 T	--	
	0640 1101				--	--	--	--	--	--	--	
02/20/73	1101			72.0F	--	--	--	--	--	0.00 T	--	
	0730 1101				--	--	--	--	--	--	--	
03/21/73	1101			72.0F	--	--	--	--	--	0.00 T	--	
	0700 1101				--	--	--	--	--	--	--	
04/19/73	1101			71.0F	--	--	--	--	--	0.00 T	--	
	0645 1101				--	--	--	--	--	--	--	
05/18/73	1101				--	--	--	--	--	0.00 T	--	
	0800 1101				--	--	--	--	--	--	--	
06/18/73	1101			77.0F	--	--	--	--	--	0.01 T	--	
	0700 1101				--	--	--	--	--	--	--	
07/17/73	1101			82.0F	--	--	--	--	--	0.00 T	--	
	0615 1101				--	--	--	--	--	--	--	
08/15/73	1101			78.0F	--	--	--	--	--	0.00 T	--	
	0700 1101				--	--	--	--	--	--	--	
09/20/73	1101			75.0F	--	--	--	--	--	0.00 T	--	
	0700 1101				--	--	--	--	--	--	--	
28 1165.10 COYOTE CREEK AT WILLOW STREET												
03/21/73	1101			49.0F	--	--	--	--	--	--	--	
	0615 1101				--	--	--	1.87 T	0.0 T	--	--	
04/19/73	1101			55.0F	--	--	--	--	--	--	--	
	0615 1101				--	--	--	0.10 T	0.15 T	--	--	
05/18/73	1101			65.0F	--	--	--	--	--	--	--	
	0620 1101				--	--	--	0.2 T	0.20 T	--	--	
06/18/73	1101			63.0F	--	--	--	--	--	--	--	
	0630 1101				--	--	--	0.12 T	0.0 T	--	--	
07/17/73	1101			71.0F	--	--	--	--	--	--	--	
	0700 1101				--	--	--	0.33 T	0.0 T	--	--	
08/15/73	1101			68.0F	--	--	--	--	--	--	--	
	0615 1101				--	--	--	0.40 T	0.05 T	--	--	
09/20/73	1101			69.0F	--	--	--	--	--	--	--	
	0615 1101				--	--	--	0.19 T	0.05 T	--	--	

TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
Z8 1225.10 SAN GABRIEL RIVER AT WILLOW STREET												
03/21/73	1101			59.0F	--	--	--	--	--	--	--	--
0600	1101				--	--	--	0.80 T	0.0 T	--	--	--
04/19/73	1101			65.0F	--	--	--	--	--	--	--	--
0600	1101				--	--	--	0.15 T	0.0 T	--	--	--
05/18/73	1101			70.0F	--	--	--	--	--	--	--	--
0600	1101				--	--	--	0.1 T	0.0 T	--	--	--
06/18/73	1101			66.0F	--	--	--	--	--	--	--	--
0610	1101				--	--	--	0.11 T	0.0 T	--	--	--
07/17/73	1101			73.0F	--	--	--	--	--	--	--	--
0650	1101				--	--	--	0.23 T	0.0 T	--	--	--
08/15/73	1101			67.0F	--	--	--	--	--	--	--	--
0600	1101				--	--	--	0.10 T	0.0 T	--	--	--
09/20/73	1101			73.0F	--	--	--	--	--	--	--	--
0610	1101				--	--	--	0.76 T	0.0 T	--	--	--
Z8 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS												
03/21/73	1101			48.0F	--	--	--	--	--	--	--	--
0515	1101				--	--	--	2.03 T	0.0 T	--	--	--
04/19/73	1101			59.0F	--	--	--	--	--	--	--	--
0530	1101				--	--	--	0.28 T	0.0 T	--	--	--
05/18/73	1101				--	--	--	--	--	--	--	--
1101	1101				--	--	--	0.30 T	0.05 T	--	--	--
06/18/73	1101				--	--	--	--	--	--	--	--
0540	1101				--	--	--	0.26 T	0.0 T	--	--	--
07/17/73	1101				--	--	--	--	--	--	--	--
1101	1101				--	--	--	0.16 T	0.0 T	--	--	--
08/15/73	1101			72.0F	--	--	--	--	--	--	--	--
0800	1101				--	--	--	0.49 T	0.05 T	--	--	--
09/17/73	1101			67.0F	--	--	--	--	--	--	--	--
0850	1101				--	--	--	0.17 T	0.0 T	--	--	--
Z8 1780.00 SAN GABRIEL RIVER AT BEVERLY BLVD												
03/21/73	1101			51.0F	--	--	--	--	--	--	--	--
0540	1101				--	--	--	1.74 T	0.05 T	--	--	--
04/19/73	1101			61.0F	--	--	--	--	--	--	--	--
0710	1101				--	--	--	0.22 T	--	--	--	--
05/18/73	1101			63.0F	--	--	--	--	--	--	--	--
0715	1101				--	--	--	0.2 T	--	--	--	--
06/18/73	1101			63.0F	--	--	--	--	--	--	--	--
0530	1101				--	--	--	--	0.0 T	--	--	--
Z8 5170.00 RIO MONDO RIVER NEAR DOWNEY												
10/18/72	1101			59.0F	--	--	--	--	--	0.00 T	--	--
0745	1101				--	--	--	--	--	--	--	--
01/15/73	1101			56.0F	--	--	--	--	--	0.01 T	--	--
0745	1101				--	--	--	--	--	--	--	--
02/20/73	1101			48.0F	--	--	--	--	--	0.00 T	--	--
0800	1101				--	--	--	--	--	--	--	--
03/21/73	1101			42.0F	--	--	--	--	--	0.00 T	--	--
0630	1101				--	--	--	--	--	--	--	--
04/19/73	1101			60.0F	--	--	--	--	--	0.00 T	--	--
1101	1101				--	--	--	--	--	--	--	--
05/18/73	1101			63.0F	--	--	--	--	--	0.00 T	--	--
1101	1101				--	--	--	--	--	--	--	--
06/18/73	1101			61.0F	--	--	--	--	--	0.01 T	--	--
0630	1101				--	--	--	--	--	--	--	--
07/17/73	1101			59.0F	--	--	--	--	--	0.00 T	--	--
0645	1101				--	--	--	--	--	--	--	--
08/15/73	1101			68.0F	--	--	--	--	--	0.00 T	--	--
0730	1101				--	--	--	--	--	--	--	--
09/20/73	1101			62.0F	--	--	--	--	--	0.01 T	--	--
0745	1101				--	--	--	--	--	--	--	--

TABLE D-4

SUPPLEMENTAL MINOR ELEMENT ANALYSIS  
OF SURFACE WATER

The constituents are as follows:

Aluminum	Lithium
Antimony	Molybdenum
Beryllium	Nickel
Bismuth	Strontium
Cobalt	Titanium
Germanium	Vanadium
Gallium	

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
DEPTH	- Depth in feet at which sample was collected
DISCH	- Instantaneous discharge in cubic feet per second
EC	- Electrical conductance in micromhos at 25° Celsius
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) and Celsius (C)
pH	- Measure of acidity or alkalinity of water
D	- Dissolved
T	- Total

The Lab and Sampler codes are as follows:

5229 - City of San Diego Water Department



TABLE D-4 (CONT.)

## SUPPLEMENTAL MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER										LITHIUM MOLYBDENUM	NICKEL STRONTIUM	TITANIUM VANADIUM	REM
					ALUMINUM	ANTIMONY	BERYLLIUM	BISMUTH	COBALT	GERMANIUM	GALLIUM							
X4		1200.00	SAN DIEGUITO RIVER AT LAKE HODGES															
10/03/72	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
11/07/72	5229				0.07	T	--	--	--	--	--	--	--	--	--	--	--	
12/05/72	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
01/05/73	5229				0.01	T	--	--	--	--	--	--	--	--	--	--	--	
02/06/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
03/06/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
04/03/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
05/08/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
06/05/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
07/13/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
08/07/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
09/11/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
X4		2500.00	SANTA YSABEL CREEK AT SUTHERLAND DAM															
11/07/72	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
05/15/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
X5		1160.00	ALVARADO CANYON AT MURRAY DAM															
10/31/72	5229				0.03	T	--	--	--	--	--	--	--	--	--	--	--	
05/01/73	5229				0.03	T	--	--	--	--	--	--	--	--	--	--	--	
08/03/73	5229				0.02	T	--	--	--	--	--	--	--	--	--	--	--	
X5		1320.00	SAN VICENTE CREEK AT SAN VICENTE DAM															
01/02/73	5229				0.02	T	--	--	--	--	--	--	--	--	--	--	--	
03/27/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
07/02/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
X5		1520.00	SAN DIEGO RIVER AT EL CAPITAN DAM															
01/02/73	5229				0.01	T	--	--	--	--	--	--	--	--	--	--	--	
03/27/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
07/02/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	
X5		1990.10	ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR															
10/00/72	5229				0.11	T	--	--	--	--	--	--	--	--	--	--	--	
11/00/72	5229				0.11	T	--	--	--	--	--	--	--	--	--	--	--	
12/00/72	5229				0.05	T	--	--	--	--	--	--	--	--	--	--	--	
01/00/73	5229				0.07	T	--	--	--	--	--	--	--	--	--	--	--	
02/00/73	5229				0.65	T	--	--	--	--	--	--	--	--	--	--	--	
03/00/73	5229				0.07	T	--	--	--	--	--	--	--	--	--	--	--	
04/00/73	5229				0.07	T	--	--	--	--	--	--	--	--	--	--	--	
05/00/73	5229				0.18	T	--	--	--	--	--	--	--	--	--	--	--	
06/00/73	5229				0.15	T	--	--	--	--	--	--	--	--	--	--	--	
07/00/73	5229				0.04	T	--	--	--	--	--	--	--	--	--	--	--	
08/00/73	5229				0.0	T	--	--	--	--	--	--	--	--	--	--	--	

TABLE D-4 (CONT)

## SUPPLEMENTAL MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ALUMINUM	CONSTITUENTS IN MILLIGRAMS PER LITER ANTIMONY BERYLLIUM	BISMUTH COBALT	GALLIUM GERMANIUM	LITHIUM MOLYBDENUM	NICKEL STRONTIUM	TITANIUM VANADIUM	REM
X5 1990.10			ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR						CONTINUED			
09/00/73	5229				0.0 T	--	--	--	--	--	--	
X5 6200.10			MIRAMAR RESERVOIR NEAR MIRAMAR									
04/30/73	5229				0.02 T	--	--	--	--	--	--	
07/31/73	5229				0.03 T	--	--	--	--	--	--	
X5 6990.10			MIRAMAR FILTRATION PLANT BELOW MIRAMAR									
10/00/72	5229				0.01 T	--	--	--	--	--	--	
11/00/72	5229				0.05 T	--	--	--	--	--	--	
12/00/72	5229				0.05 T	--	--	--	--	--	--	
01/00/73	5229				0.05 T	--	--	--	--	--	--	
02/00/73	5229				0.04 T	--	--	--	--	--	--	
03/00/73	5229				0.06 T	--	--	--	--	--	--	
04/00/73	5229				0.07 T	--	--	--	--	--	--	
05/00/73	5229				0.19 T	--	--	--	--	--	--	
06/00/73	5229				0.15 T	--	--	--	--	--	--	
07/00/73	5229				0.07 T	--	--	--	--	--	--	
08/00/73	5229				0.02 T	--	--	--	--	--	--	
09/00/73	5229				0.0 T	--	--	--	--	--	--	
X7 1300.00			OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)									
04/30/73	5229				0.0 T	--	--	--	--	--	--	
07/31/73	5229				0.0 T	--	--	--	--	--	--	
X7 1320.10			OTAY RIVER AT UPPER OTAY RESERVOIR									
01/30/73	5229				0.0 T	--	--	--	--	--	--	
02/27/73	5229				0.0 T	--	--	--	--	--	--	
08/30/73	5229				0.0 T	--	--	--	--	--	--	
X7 1990.10			LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.									
10/00/72	5229				0.04 T	--	--	--	--	--	--	
11/00/72	5229				0.03 T	--	--	--	--	--	--	
12/00/72	5229				0.04 T	--	--	--	--	--	--	
01/00/73	5229				0.03 T	--	--	--	--	--	--	
02/00/73	5229				0.01 T	--	--	--	--	--	--	
03/00/73	5229				0.02 T	--	--	--	--	--	--	
04/00/73	5229				0.03 T	--	--	--	--	--	--	
05/00/73	5229				0.02 T	--	--	--	--	--	--	
06/00/73	5229				0.03 T	--	--	--	--	--	--	
07/00/73	5229				0.01 T	--	--	--	--	--	--	
08/00/73	5229				0.01 T	--	--	--	--	--	--	
09/00/73	5229				0.0 T	--	--	--	--	--	--	

TABLE D-4 (CONT)

## SUPPLEMENTAL MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ALUMINUM	ANTIMONY BERYLLIUM	IN MILLIGRAMS RISMUTH COBALT	PER LITER GALLIUM GERMANIUM	LITHIUM MOLYBDENUM	NICKEL STRONTIUM	TITANIUM VANADIUM	REM
X8 2210.00 COTTONWOOD CREEK AT BARRETT DAM												
11/27/72	5229				0.0	T	--	--	--	--	--	
06/01/73	5229				0.0	T	--	--	--	--	--	
X8 2430.00 COTTONWOOD CREEK AT MORENA DAM												
11/30/72	5229				0.0	T	--	--	--	--	--	
06/01/73	5229				0.0	T	--	--	--	--	--	



TABLE D-5

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees of Fahrenheit (F) or Celsius (C)
EC	- Electrical conductance in micromhos at 25° Celsius
pH	- Measure of acidity or alkalinity of water: F - Field; L - Lab
DO	- Dissolved oxygen content in milligrams per liter
G.H.	- Instantaneous gage height in feet above an established datum
DISCHARGE	- Instantaneous discharge in cubic feet per second
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter: L - Linear alkylate sulfonate; A - Alkyl benzene sulfonate
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L): F - Field; L - Lab
BOD	- Biochemical oxygen demand in milligrams per liter: A - 4 days; B - 5 days; C - 6 days; D - 7 days; E - 100 days; F - other
SUS S	- Suspended solids in milligrams per liter: 5 - at 105°C; 8 - at 108°C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
T ODOR	- Threshold odor number at 60°C
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter

Other Constituents

CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
IODIDE	- Iodide in milligrams per liter
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter

The Lab and Sampler codes are as follows:

1101	- Los Angeles County Flood Control District
5050	- Department of Water Resources
5229	- City of San Diego Water Department
5239	- Long Beach Health Department

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T-L CHLOR	SET S O-G ML/L COLOR MG/L	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE																
11/29/72	5050	60.0F	7.6	7.7	31.0	--	--	--	--	--	--	--	--	--	--	--
1315	5050	460	3.23		0.2 A	--	--	--	--	--	--	--	--	--	--	--
01/31/73	5050	54.0F	9.0	7.8	34.0	--	--	--	--	--	--	--	--	--	--	--
1320	5050	420	3.17		0.11 A	--	--	--	--	--	--	--	--	--	--	--
04/26/73	5050	80.0F	6.2	7.7	122.0	--	--	--	--	--	--	--	--	--	--	--
1315	5050	260			0.06 A	--	--	--	--	--	--	--	--	--	--	--
07/25/73	5050	89.0F	7.3	8.4	13.0	--	--	--	--	--	--	--	--	--	--	--
1245	5050	465			0.12 A	--	--	--	--	--	--	--	--	--	--	--
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM																
12/27/72	5050	54.0F	10.8	8.1	5090.0	--	--	--	--	--	--	--	--	--	--	--
1330	5050	1500	2.08		0.1 A	--	--	--	--	--	--	--	--	--	--	--
03/27/73	5050	60.0F	9.1	8.0	10910.0	--	--	--	--	--	--	--	--	--	--	--
1045	5050	1150	2.30		0.11 A	--	--	--	--	--	--	--	--	--	--	--
06/26/73	5050	84.0F	7.9	8.1	9770.0	--	--	--	--	--	--	--	--	--	--	--
1100	5050	1300	2.25		0.12 A	--	--	--	--	--	--	--	--	--	--	--
09/25/73	5050	75.0F	7.8	8.1	8970.0	--	--	--	--	--	--	--	--	--	--	--
0700	5050	1300			0.10 A	--	--	--	--	--	--	--	--	--	--	--
W9 2205.10 ROSE DRAIN AT THE ALAMO RIVER																
12/27/72	5050	48.0F	9.0	8.3	37.8	--	--	--	--	--	--	--	--	--	--	--
0830	5050	6900	0.80		0.5 A	--	--	--	--	--	--	--	--	--	--	--
03/26/73	5050	62.0F	7.6	7.8	103.5	--	--	--	--	--	--	--	--	--	--	--
1345	5050	3200	1.56		0.33	--	--	--	--	--	--	--	--	--	--	--
06/26/73	5050	77.0F	3.7	7.7	56.4	--	--	--	--	--	--	--	--	--	--	--
0600	5050	4300	1.04		0.3 A	--	--	--	--	--	--	--	--	--	--	--
09/25/73	5050	71.0F	7.2	7.7	105.5	--	--	--	--	--	--	--	--	--	--	--
1100	5050	3550	1.58		0.36 A	--	--	--	--	--	--	--	--	--	--	--
W9 2250.10 CENTRAL DRAIN AT THE ALAMO RIVER																
12/27/72	5050	54.0F	8.9	7.7	45.0	--	--	--	--	--	--	--	--	--	--	--
0930	5050	6600	0.84		0.7 A	--	--	--	--	--	--	--	--	--	--	--
03/26/73	5050	59.0F	6.7	7.7	154.0	--	--	--	--	--	--	--	--	--	--	--
1630	5050	2650	1.68		0.32	--	--	--	--	--	--	--	--	--	--	--
06/26/73	5050	80.0F	6.5	7.7	69.0	--	--	--	--	--	--	--	--	--	--	--
0700	5050	3100	1.11		0.27 A	--	--	--	--	--	--	--	--	--	--	--
09/25/73	5050	72.0F	7.0	7.7	136.0	--	--	--	--	--	--	--	--	--	--	--
1200	5050	3250	1.58		0.32 A	--	--	--	--	--	--	--	--	--	--	--
X4 1200.00 SAN DIEGUITO RIVER AT LAKE HODGES																
10/03/72	5229				0.08 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
11/07/72	5229				0.10 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
12/05/72	5229				0.10 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
01/05/73	5229				0.08 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
02/04/73	5229				0.10 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
04/03/73	5229				0.14 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
05/08/73	5229				0.09 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
07/13/73	5229				0.08 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
08/07/73	5229				0.11 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
09/11/73	5229				0.10 A	--	--	--	--	--	--	--	--	--	--	--
5229						--	--	--	--	--	--	--	--	--	--	--
X4 3400.05 ESCONDIDO CREEK NEAR HARMONY GROVE																
12/28/72	5050	56.0F	10.2	7.4	7 E	--	--	--	--	--	--	--	--	--	--	--
1120	5050	2090			1.3 A	--	--	--	--	--	--	--	--	--	--	--
04/11/73	5050	66.0F	9.4	7.4	5 E	--	--	--	--	--	--	--	--	--	--	--
1130	5050	2000			0.55 A	--	--	--	--	--	--	--	--	--	--	--
06/27/73	5050	76.0F	9.0	7.4	12 E	--	--	--	--	--	--	--	--	--	--	--
1020	5050	2000			1.1 A	--	--	--	--	--	--	--	--	--	--	--
09/26/73	5050	70.0F	9.8	7.4	10 E	--	--	--	--	--	--	--	--	--	--	--
1015	5050	1950			1.10 A	--	--	--	--	--	--	--	--	--	--	--
Y1 1550.00 SANTA ANA RIVER BELOW PRADO DAM																
10/27/72	5050	60.0F	7.2	7.7		--	--	--	--	--	--	--	--	--	--	--
0815	5050	1240	2.29		0.6 A	--	--	--	70	8	--	--	--	--	--	--
11/30/72	5050	58.0F	8.1	7.7		--	--	--	--	--	--	--	--	--	--	--
1400	5050	1200	2.27		0.5 A	--	--	--	43	8	--	--	--	--	--	--
12/30/72	5050	49.0F	10.2	7.7		--	--	--	--	--	--	--	--	--	--	--
1320	5050	1200	2.30		0.8 A	--	--	--	55	8	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	0+G COLOR	SET S ML/L MG/L	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
Y1 1550.00		SANTA ANA RIVER BELOW PRADO DAM										CONTINUED					
02/01/73 1400	5050 5050	54.0F 1350	8.0 2.67	7.7	0.5 A	--	--	--	--	317 5	--	--	--	--	--	--	--
03/01/73 0800	5050 5050	52.0F 740	6.9 2.81	7.2	0.2	--	--	--	--	16 5	--	--	--	--	--	--	--
04/12/73 1345	5050 5050	61.0F 900	6.7 2.71	7.4	0.35	--	--	--	--	3.8 5	--	--	--	--	--	--	--
04/27/73 0900	5050 5050	60.0F 975	7.5 2.74	7.6	0.26 A	--	--	--	--	8.0 5	--	--	--	--	--	--	--
05/24/73 0730	5050 5050	61.0F 1425	6.5 2.60	7.6	0.38 A	--	--	--	--	43 5	--	--	--	--	--	--	--
06/29/73 0700	5050 5050	67.0F 1130	7.4 2.17	7.8	0.32 A	--	--	--	--	61 5	--	--	--	--	--	--	--
07/26/73 1315	5050 5050	78.0F 1050	7.2 2.14	7.8	0.28 A	--	--	--	--	84 5	--	--	--	--	--	--	--
08/29/73 0815	5050 5050	63.0F 1080	8.0 2.07	7.8	0.48 A	--	--	--	--	64.2 5	--	--	--	--	--	--	--
09/28/73 0730	5050 5050	61.0F 1400	9.9 2.07	8.0	5 E 0.22 A	--	--	--	--	5 8	--	--	--	--	--	--	--
Y4 1100.00		WARM CREEK NEAR COLTON															
10/27/72 1200	5050 5050	74.0F 940	8.6 2.67	7.2	20 E 1.2 A	--	--	--	--	--	--	--	--	--	--	--	--
02/01/73 1040	5050 5050	62.0F 740	9.3 2.67	7.2	10 F 2.4 A	--	--	--	--	--	--	--	--	--	--	--	--
Y5 1050.10		SANTA ANA R SAN BERNARDINO RIVERSIDE CO LINE															
05/24/73 1000	5050 5050	64 F 500	8.1 2.67	7.7	40 E 0.38 A	--	--	--	--	--	--	--	--	--	--	--	--
07/26/73 0930	5050 5050	80.0F 450	7.3 2.67	7.7	35 E 0.2 A	--	--	--	--	--	--	--	--	--	--	--	--
08/29/73 1030	5050 5050	80.0F 485	6.9 2.67	7.7	100 E 0.34 A	--	--	--	--	--	--	--	--	--	--	--	--
Y5 1100.00		SANTA ANA RIVER AT E STREET BRIDGE															
10/27/72 1045	5050 5050	78.0F 940	8.2 2.86	7.2	21.0 3.4 A	--	--	--	--	--	--	--	--	--	--	--	--
11/30/72 1000	5050 5050	70.0F 950	8.6 2.85	7.2	23.0 3.1 A	--	--	--	--	--	--	--	--	--	--	--	--
12/30/72 1010	5050 5050	62.0F 950	8.9 2.73	7.2	26.0 0.9 A	--	--	--	--	--	--	--	--	--	--	--	--
02/01/73 1000	5050 5050	64.0F 920	8.9 2.69	7.2	25.0 0.55 A	--	--	--	--	--	--	--	--	--	--	--	--
03/01/73 1145	5050 5050	64.0F 825	8.4 1.95	7.2	45.0 0.6 A	--	--	--	--	--	--	--	--	--	--	--	--
04/12/73 1000	5050 5050	74.0F 875	7.6 1.97	7.2	28.0 3.5 A	--	--	--	--	--	--	--	--	--	--	--	--
04/27/73 1300	5050 5050	76.0F 800	8.0 1.88	7.2	34.0 2.3 A	--	--	--	--	--	--	--	--	--	--	--	--
05/24/73 1045	5050 5050	74.0F 950	7.8 1.55	7.2	33.0 1.14 A	--	--	--	--	--	--	--	--	--	--	--	--
06/29/73 1015	5050 5050	82.0F 850	7.5 0.80	7.2	37.0 1.7 A	--	--	--	--	--	--	--	--	--	--	--	--
07/26/73 0845	5050 5050	83.0F 930	6.9 1.89	7.2	1.6 A	--	--	--	--	--	--	--	--	--	--	--	--
08/29/73 1100	5050 5050	85.0F 900	0.3 1.67		3.2 A	--	--	--	--	--	--	--	--	--	--	--	--
09/28/73 1045	5050 5050	82.0F 950	6.0 1.69	7.2	4.3 A	--	--	--	--	--	--	--	--	--	--	--	--
Y6 1225.00		SANTA ANA RIVER NEAR NORCO															
10/27/72 1230	5050 5050	65.0F 1250	7.8 2.67	7.4	50 E 0.3 8	--	--	--	--	--	--	--	--	--	--	--	--
02/01/73 1330	5050 5050	62.0F 1090	7.0 2.67	7.7	50 F 0.68 A	--	--	--	--	--	--	--	--	--	--	--	--
04/27/73 1000	5050 5050	60.0F 1050	7.8 2.67	7.8	50 F 0.66 A	--	--	--	--	--	--	--	--	--	--	--	--
07/26/73 1230	5050 5050	90.0F 1050	4.1 2.67	7.8	50 E 0.38 A	--	--	--	--	--	--	--	--	--	--	--	--
Y6 1400.00		SANTA ANA RIVER NEAR ARLINGTON															
10/27/72 0930	5050 5050	68.0F 1150	6.6 5.92	7.3	0.7 A	--	--	--	--	--	--	--	--	--	--	--	--
11/30/72 1130	5050 5050	64.0F 1080	8.2 2.67	7.3	60 E 0.8 A	--	--	--	--	--	--	--	--	--	--	--	--
12/30/72 1130	5050 5050	55.0F 1080	9.4 3.94	7.3	0.9 A	--	--	--	--	--	--	--	--	--	--	--	--
02/01/73	5050	62.0F	8.5	7.7		--	--	--	--	--	--	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.H.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T-L CHLOR	SET S		800 SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O-G COLOR	ML/L MG/L								
Y6 1400.00		SANTA ANA RIVER NEAR ARLINGTON										CONTINUED					
03/01/73 0920	5050 5050	60.0F 980	8.5	7.6	0.2		--	--	--	--	--	--	--	--	--	--	--
04/12/73 1130	5050 5050	77.0F 1000	7.8	7.7	70 E 0.34		--	--	--	--	--	--	--	--	--	--	--
04/27/73 1135	5050 5050	64.0F 1000	8.7	7.6	50 E 0.42 A		--	--	--	--	--	--	--	--	--	--	--
05/24/73 0900	5050 5050	65.0F 1100	8.1	7.3	0.7 A		--	--	--	--	--	--	--	--	--	--	--
06/29/73 0830	5050 5050	76.0F 1120	8.4 3.98	7.3	0.68		--	--	--	--	--	--	--	--	--	--	--
07/26/73 1030	5050 5050	81.0F 1020	8.0 4.05	7.3	0.6 A		--	--	--	--	--	--	--	--	--	--	--
08/29/73 0930	5050 5050	74.0F 1000	8.2	7.3	100 E 0.54 A		--	--	--	--	--	--	--	--	--	--	--
09/28/73 0945	5050 5050	69.0F 1100	8.4	7.2	60 E 0.72 A		--	--	--	--	--	--	--	--	--	--	--
Y7 1145.00		SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO															
10/27/72 1330	5050 5050	68.0F 395	10.3	9.5	1 E 1.0 A		--	--	--	--	--	--	--	--	--	--	--
02/01/73 0936	5050 5050	46.0F 640	11.4	8.3	1 E 0.12 A		--	--	--	--	--	--	--	--	--	--	--
07/26/73 0800	5050 5050	72.0F 530	7.9	8.3	2 E 0.1 A		--	--	--	--	--	--	--	--	--	--	--
Z2 1702.00		SANTA CLARA RIVER AT HWY 99															
10/04/72 0630	1101 1101	59.0F	5.6		--		--	--	--	3 R 42	--	--	--	--	--	--	--
11/02/72 0545	1101 1101	51.0F	7.9		--		--	--	--	5 R 2	--	--	--	--	--	--	--
12/01/72 0515	1101 1101	50.0F	7.9		--		--	--	--	3 R 4	--	--	--	--	--	--	--
01/03/73 0630	1101 1101	41.0F	8.0		--		--	--	--	4 R 25	--	--	--	--	--	--	--
03/07/73 0600	1101 1101	47.0F	8.2		--		--	--	--	11 R 87	--	--	--	--	--	--	--
04/05/73 0640	1101 1101	48.0F	10.3		--		--	--	--	1 R 8	--	--	--	--	--	--	--
05/04/73 0545	1101 1101	52.0F	8.8		--		--	--	--	3 R 17	--	--	--	--	--	--	--
06/04/73 0600	1101 1101	60.0F	7.5		--		--	--	--	2 R 16	--	--	--	--	--	--	--
07/03/73 0610	1101 1101	56.0F	7.4		--		--	--	--	3 R 58	--	--	--	--	--	--	--
08/01/73 0550	1101 1101	61.0F	7.6		--		--	--	--	3 R 23	--	--	--	--	--	--	--
09/06/73 0540	1101 1101	60.0F	7.8		--		--	--	--	6 R 17	--	--	--	--	--	--	--
Z5 1020.10		MALIBU CREEK AT PACIFIC COAST HWY															
10/04/72 0725	1101 1101	61.0F	5.7		--		--	--	--	4 R 42	--	--	--	--	--	--	--
11/02/72 0645	1101 1101	51.0F	8.8		--		--	--	--	1 R 6	--	--	--	--	--	--	--
12/01/72 0645	1101 1101	48.0F	8.6		--		--	--	--	2 R 7	--	--	--	--	--	--	--
01/03/73 0730	1101 1101	44.0F	10.2		--		--	--	--	2 R 14	--	--	--	--	--	--	--
03/07/73 0750	1101 1101	53.0F	7.9		--		--	--	--	2 R 2	--	--	--	--	--	--	--
04/05/73 0720	1101 1101	55.0F	11.4		--		--	--	--	3 R 10	--	--	--	--	--	--	--
05/04/73 0730	1101 1101	59.0F	7.4		--		--	--	--	2 R 8	--	--	--	--	--	--	--
06/04/73 0725	1101 1101	64.0F	6.2		--		--	--	--	1 R 11	--	--	--	--	--	--	--
07/03/73 0720	1101 1101	64.0F	3.6		--		--	--	--	1 R 31	--	--	--	--	--	--	--
08/01/73 0725	1101 1101	65.0F	1.5		--		--	--	--	1 R 10	--	--	--	--	--	--	--
09/06/73 0700	1101 1101	65.0F	3.0		--		--	--	--	3 R 15	--	--	--	--	--	--	--

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S O+G ML/L COLOR	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
75 2150.00 TOPANGA CREEK ABOVE PACIFIC COAST HWY																
10/04/72	1101	60.0F	8.8						4	R	32					
0800	1101															
11/02/72	1101	50.0F	10.0						1	R	4					
0710	1101															
12/01/72	1101	49.0F	9.5						2	R	11					
0705	1101															
01/03/73	1101	43.0F	10.4						2	R	7					
0800	1101															
03/07/73	1101	48.0F	9.0						2	R	21					
0730	1101															
05/04/73	1101	56.0F	8.7						2	R	13					
0710	1101															
06/04/73	1101	62.0F	8.2						1	R	9					
0705	1101															
07/03/73	1101	60.0F	6.8						1	R	12					
0800	1101															
08/01/73	1101	61.0F	6.2						1	R	10					
0700	1101															
09/06/73	1101	62.0F	8.3						2	R	7					
0800	1101															
75 3200.10 BALLONA CREEK AT LINCOLN BLVD																
10/18/72	1101	61.0F	2.7						5	R	111					
0710	1101															
12/15/72	1101	48.0F	6.2						10	R	74					
0615	1101															
01/15/73	1101	59.0F	4.4						4	R	104					
0655	1101															
02/20/73	1101	58.0F	4.5						3	R	132					
0610	1101															
03/21/73	1101	54.0F	5.8						7	R	54					
0540	1101															
04/19/73	1101	59.0F	2.7								95					
0700	1101															
06/18/73	1101	66.0F	1.9						6	R	218					
	1101															
07/17/73	1101	63.0F	0.8						22	R	125					
0650	1101															
08/15/73	1101	71.0F	0.3						20	R	233					
0700	1101															
09/20/73	1101	66.0F	0.9						26	R	143					
0600	1101															
75 3230.10 CENTINELA CREEK AT CENTINELA BLVD																
10/18/72	1101	60.0F							65	R	788.0					
0700	1101															
12/15/72	1101	43.0F	8.1						18.0	R	83.0					
0630	1101															
01/15/73	1101	59.0F	5.9						2	R	20					
0635	1101															
02/20/73	1101	50.0F	8.8						11	R	208					
0630	1101															
03/21/73	1101	46.0F	10.1						6	R	120					
0635	1101															
04/19/73	1101	55.0F	11.0								52					
0635	1101															
05/18/73	1101	62.0F	5.3						4	R	107					
0605	1101															
06/18/73	1101	65.0F	3.9						23	R	23					
0630	1101															
07/17/73	1101	61.0F	4.8						16	R	242					
0633	1101															
08/15/73	1101	69.0F	4.9						8	R	66					
0640	1101															
09/20/73	1101	64.0F	4.2						7	R	61					
0620	1101															
75 3250.10 BALLONA CREEK AT CENTINELA BLVD																
10/18/72	1101	60.0F	3.9						15	R	322					
0645	1101															
12/15/72	1101	46.0F	8.6						6	R	86					
0650	1101															
01/15/73	1101	59.0F	5.8						4	R	82					
0620	1101															
02/20/73	1101	54.0F	8.8						4	R	40					
0640	1101															

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	0+G COLOR	SET S ML/L MG/L	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
25 3250.10 BALLONA CREEK AT CENTINELA BLVD																	
CONTINUED																	
03/21/73 0625	1101 1101	49.0F	9.7		--	--	--	--	--	4 R	82	--	--	--	--	--	--
04/19/73 0625	1101 1101	55.0F	9.8		--	--	--	--	--	--	75	--	--	--	--	--	--
05/18/73 0550	1101 1101	63.0F	5.5		--	--	--	--	--	7 R	61	--	--	--	--	--	--
06/18/73 0620	1101 1101	65.0F	6.4		--	--	--	--	--	4 R	77	--	--	--	--	--	--
07/17/73 0620	1101 1101	61.0F	5.5		--	--	--	--	--	7 R	92	--	--	--	--	--	--
08/15/73 0630	1101 1101	69.0F	5.2		--	--	--	--	--	4 R	57	--	--	--	--	--	--
09/20/73 0700	1101 1101	64.0F	4.2		--	--	--	--	--	7 R	138	--	--	--	--	--	--
75 3300.00 BALLONA CREEK NR CULVER CITY (AT SANTELLE BLVD)																	
10/18/72 0630	1101 1101	60.0F	4.1		--	--	--	--	--	8 R	60	--	--	--	--	--	--
12/15/72 0710	1101 1101	50.0F	6.6		--	--	--	--	--	7 R	173	--	--	--	--	--	--
01/15/73 0610	1101 1101	61.0F	5.9		--	--	--	--	--	7 R	32	--	--	--	--	--	--
02/20/73 0655	1101 1101	53.0F	8.1		--	--	--	--	--	11 R	80	--	--	--	--	--	--
03/21/73 0610	1101 1101	51.0F	8.3		--	--	--	--	--	7 R	39	--	--	--	--	--	--
04/19/73 0610	1101 1101	56.0F	6.5		--	--	--	--	--	--	60	--	--	--	--	--	--
05/18/73 0715	1101 1101	62.0F	5.0		--	--	--	--	--	10 R	53	--	--	--	--	--	--
06/18/73 0600	1101 1101	63.0F	5.5		--	--	--	--	--	8 R	58	--	--	--	--	--	--
07/17/73 0605	1101 1101	62.5F	4.1		--	--	--	--	--	13 R	77	--	--	--	--	--	--
08/15/73 0620	1101 1101	69.0F	7.4		--	--	--	--	--	8 R	81	--	--	--	--	--	--
09/20/73 0710	1101 1101	64.0F	5.4		--	--	--	--	--	10 B	43	--	--	--	--	--	--
25 3400.00 BALLONA CREEK AT CURSON ST																	
10/18/72 0750	1101 1101	64.0F	6.4		--	--	--	--	--	14 R	39	--	--	--	--	--	--
12/15/72 0730	1101 1101	46.0F	9.8		--	--	--	--	--	10 R	12	--	--	--	--	--	--
01/15/73 0735	1101 1101	59.0F	7.4		--	--	--	--	--	2 R	44	--	--	--	--	--	--
02/20/73 0710	1101 1101	56.0F	9.9		--	--	--	--	--	11 R	25	--	--	--	--	--	--
03/21/73 0715	1101 1101	53.0F	8.5		--	--	--	--	--	9 R	27	--	--	--	--	--	--
04/19/73 0725	1101 1101	61.0F	12.1		--	--	--	--	--	--	24	--	--	--	--	--	--
05/18/73 0755	1101 1101	62.0F	8.6		--	--	--	--	--	6 R	29	--	--	--	--	--	--
06/18/73 0730	1101 1101	65.0F	8.3		--	--	--	--	--	9 R	46	--	--	--	--	--	--
07/17/73 0720	1101 1101	65.5F	7.8		--	--	--	--	--	11 R	50	--	--	--	--	--	--
08/15/73 0545	1101 1101	69.0F	5.4		--	--	--	--	--	6 R	59	--	--	--	--	--	--
09/20/73 0745	1101 1101	65.0F	5.9		--	--	--	--	--	46 R	169	--	--	--	--	--	--
26 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY																	
10/04/72 0945	5239 5239	68.0F	5.1		--	--	--	1	--	15.0 R 62 S	--	--	--	--	--	--	--
11/01/72 1050	5239 5239	60.0F	0.6		--	--	--	2	--	10.9 R 50 S	--	--	--	--	--	--	--
12/06/72 1000	5239 5239	54.0F	6.7		--	--	--	0	--	9.6 R 42 S	--	--	--	--	--	--	--
01/03/73 0915	5239 5239	55.0F	1.0		--	--	--	2	--	12.9 R 32 S	--	--	--	--	--	--	--
04/04/73 0945	5239 5239	58.0F	7.0		--	--	--	0	--	11.2 R 14 S	--	--	--	--	--	--	--
05/02/73 0950	5239 5239	59.0F	3.8		--	--	--	0	--	0.2 R 12 S	--	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	TOL CHLOR	SET S O+G ML/L COLOR	800 SUS S	COL V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T DOOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
76 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY CONTINUED																
06/06/73	5239	75.2F	2.7					3	46.1 R							
1115	5239								39 5		0.12					
07/11/73	5239	68.0F	1.6					3	12.7 R							
1045	5239								26 5		0.00					
08/01/73	5239	62.0F	3.5					3	9.8 R							
1115	5239								33 5		0.00					
09/05/73	5239	69.8F	0.9					2	8.2 R							
1000	5239								13 5		0.00					
76 1120.10 LOS ANGELES RIVER AT WILLOW STREET																
10/04/72	1101	63.0F	3.5						15 R	93						
0620	1101															
11/02/72	1101	52.0F	6.4						11 R	22						
0635	1101															
12/01/72	1101	47.0F	7.7						7 R	21						
0720	1101															
01/03/73	1101	45.0F	6.4						8 R	39						
0700	1101															
03/07/73	1101	51.0F	7.8						18 R	44						
0545	1101															
04/05/73	1101	51.0F	8.4						17 R	47						
0640	1101															
05/04/73	1101	63.0F	5.4						15 R	142						
0700	1101															
06/04/73	1101	65.0F	5.0						7 R	51						
0555	1101															
07/03/73	1101	68.5F	3.3						15 R	89						
0630	1101															
08/01/73	1101	70.0F	2.7						14 R	117						
0645	1101															
09/06/73	1101	64.0F	4.4						14 R	54						
0545	1101															
76 1250.00 LOS ANGELES RIVER AT FIRESTONE BLVD																
10/04/72	1101	60.0F	5.7						12 R	55						
0700	1101															
11/02/72	1101	50.0F	8.1						3 R	43						
0705	1101															
12/01/72	1101	49.0F	11.2						3 R	25						
0620	1101															
01/03/73	1101	46.0F	7.5						9 R	38						
0735	1101															
04/05/73	1101	10.5							8 R	48						
0715	1101															
05/04/73	1101	8.0							8 R	167						
0600	1101															
06/04/73	1101	5.9							6 R	33						
0625	1101															
07/03/73	1101	69.5F	5.7						9 R	54						
0705	1101															
08/01/73	1101	72.0F	8.8						5 R	64						
0600	1101															
09/06/73	1101	66.0F	6.6						5 R	29						
0615	1101															
76 1250.10 LOS ANGELES RIVER AT DOWNEY RD																
10/04/72	1101	60.0F	7.4						12 R	44						
0740	1101															
11/02/72	1101	51.0F	10.5						6 R	22						
0725	1101															
12/01/72	1101	48.0F	16.2						4 R	21						
0830	1101															
01/03/73	1101	45.0F	7.1						5 R	29						
	1101															
03/07/73	1101	50.0F	9.7						17 R	69						
0645	1101															
04/05/73	1101	52.0F	8.9						7 R	38						
0610	1101															
05/04/73	1101	61.0F	9.6						7 R	33						
0800	1101															
06/04/73	1101	66.0F	5.4						13 R	33						
0705	1101															
07/03/73	1101	69.0F	3.2						7 R	60						
0555	1101															
08/01/73	1101	72.0F	10.5						7 R	57						
	1101															

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S O+G ML/L COLOR MG/L	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
76 1259.10 LOS ANGELES RIVER AT DOWNEY RD CONTINUED																
09/06/73 0645	1101 1101	65.0F	6.2	--	--	--	--	--	21	R	85	--	--	--	--	--
76 1272.10 LOS ANGELES RIVER AT SIXTH STREET																
10/04/72 0630	1101 1101	63.0F	4.2	--	--	--	--	--	7	R	46	--	--	--	--	--
11/02/72 0730	1101 1101	54.0F	9.7	--	--	--	--	--	5	R	30	--	--	--	--	--
12/01/72 0635	1101 1101	52.0F	6.1	--	--	--	--	--	4	B	18	--	--	--	--	--
01/03/73 0800	1101 1101	48.0F	8.0	--	--	--	--	--	21	R	72	--	--	--	--	--
03/07/73 0735	1101 1101	53.0F	9.1	--	--	--	--	--	11	R	48	--	--	--	--	--
04/05/73 0615	1101 1101	50.0F	8.4	--	--	--	--	--	6	R	34	--	--	--	--	--
05/04/73 0700	1101 1101	61.0F	4.8	--	--	--	--	--	12	R	38	--	--	--	--	--
06/04/73 0625	1101 1101	62.0F	3.7	--	--	--	--	--	6	R	30	--	--	--	--	--
07/03/73 0715	1101 1101	69.0F	5.5	--	--	--	--	--	11	R	93	--	--	--	--	--
08/01/73 0740	1101 1101	70.0F	6.4	--	--	--	--	--	5	R	49	--	--	--	--	--
09/06/73 0700	1101 1101	62.0F	5.2	--	--	--	--	--	7	R	38	--	--	--	--	--
76 1316.10 LOS ANGELES RIVER AT LOS FELIZ BLVD																
10/04/72 0515	1101 1101	63.0F	2.3	--	--	--	--	--	10	R	30	--	--	--	--	--
11/02/72 0700	1101 1101	50.0F	7.3	--	--	--	--	--	8	R	11	--	--	--	--	--
12/01/72 0530	1101 1101	47.0F	5.8	--	--	--	--	--	6	R	14	--	--	--	--	--
01/03/73 0700	1101 1101	50.0F	7.1	--	--	--	--	--	19	R	29	--	--	--	--	--
03/07/73 0710	1101 1101	52.0F	9.1	--	--	--	--	--	9	R	51	--	--	--	--	--
04/05/73 0520	1101 1101	48.0F	6.9	--	--	--	--	--	5	R	29	--	--	--	--	--
05/04/73 0730	1101 1101	58.0F	5.9	--	--	--	--	--	6	R	62	--	--	--	--	--
06/04/73 0530	1101 1101	62.0F	5.3	--	--	--	--	--	8	R	33	--	--	--	--	--
07/03/73 0630	1101 1101	66.0F	5.4	--	--	--	--	--	8	R	62	--	--	--	--	--
08/01/73 0730	1101 1101	70.0F	6.4	--	--	--	--	--	5	R	42	--	--	--	--	--
09/06/73 0630	1101 1101	60.0F	6.2	--	--	--	--	--	4	R	23	--	--	--	--	--
76 1365.00 LOS ANGELES RIVER AT TUJUNGA AVE																
10/04/72 0540	1101 1101	59.0F	7.4	--	--	--	--	--	6	R	51	--	--	--	--	--
11/02/72 0640	1101 1101	45.0F	9.7	--	--	--	--	--	5	R	15	--	--	--	--	--
12/01/72 0605	1101 1101	45.0F	7.3	--	--	--	--	--	13	R	46	--	--	--	--	--
01/03/73 0700	1101 1101	48.0F	8.9	--	--	--	--	--	4	R	36	--	--	--	--	--
03/07/73 0645	1101 1101	50.0F	9.7	--	--	--	--	--	6	R	59	--	--	--	--	--
04/05/73 0550	1101 1101	48.0F	8.3	--	--	--	--	--	6	R	21	--	--	--	--	--
05/04/73 0800	1101 1101	61.0F	6.9	--	--	--	--	--	6	R	38	--	--	--	--	--
06/04/73 0600	1101 1101	6.7	--	--	--	--	--	--	5	R	33	--	--	--	--	--
07/03/73 0540	1101 1101	65.0F	5.3	--	--	--	--	--	7	B	50	--	--	--	--	--
08/01/73 0710	1101 1101	67.0F	6.4	--	--	--	--	--	10	R	61	--	--	--	--	--
09/06/73 0600	1101 1101	60.0F	7.6	--	--	--	--	--	6	R	31	--	--	--	--	--

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S O+G ML/L COLOR	800 SUS S	COD V SUS	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
26 3025.10 DOMINGUEZ CHANNEL AT ANAHEIM ST																
10/04/72 0712	1101 1101	67.0F	3.8		--	--	--	--	4 R	146	--	--	--	--	--	--
11/02/72 0700	1101 1101	61.0F	4.3		--	--	--	--	1 R	318	--	--	--	--	--	--
12/01/72 0630	1101 1101	59.0F	2.6		--	--	--	--	2 R	131	--	--	--	--	--	--
01/03/73 0615	1101 1101	55.0F	4.9		--	--	--	--	1 R	133	--	--	--	--	--	--
03/07/73 0630	1101 1101	54.0F	1.6		--	--	--	--	3 R	159	--	--	--	--	--	--
04/05/73 0600	1101 1101	60.0F	5.5		--	--	--	--	3 R	148	--	--	--	--	--	--
06/04/73 0600	1101 1101	65.0F	3.8		--	--	--	--	2 R	118	--	--	--	--	--	--
07/02/73 1101	1101 1101	65.0F	3.9		--	--	--	--	2 R	77	--	--	--	--	--	--
08/01/73 0715	1101 1101	73.0F	4.6		--	--	--	--	4 R	77	--	--	--	--	--	--
09/06/73 1101	1101 1101	67.0F	4.8		--	--	--	--	5 R	150	--	--	--	--	--	--
26 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE.																
10/04/72 0655	1101 1101	69.0F	4.7		--	--	--	--	15 R	150	--	--	--	--	--	--
11/02/72 0640	1101 1101	61.0F	3.9		--	--	--	--	3 R	114	--	--	--	--	--	--
12/01/72 0700	1101 1101	57.0F	4.4		--	--	--	--	5 R	138	--	--	--	--	--	--
01/03/73 0650	1101 1101	54.0F	4.1		--	--	--	--	2 R	111	--	--	--	--	--	--
03/07/73 0645	1101 1101	58.0F	3.6		--	--	--	--	9 R	129	--	--	--	--	--	--
04/05/73 0630	1101 1101	60.0F	3.3		--	--	--	--	4 R	167	--	--	--	--	--	--
05/04/73 0740	1101 1101	59.0F	4.4		--	--	--	--	5 R	146	--	--	--	--	--	--
06/04/73 0545	1101 1101	66.0F	4.1		--	--	--	--	4 R	120	--	--	--	--	--	--
07/02/73 1101	1101 1101		4.4		--	--	--	--	5 R	77	--	--	--	--	--	--
08/01/73 1101	1101 1101		7.1		--	--	--	--	4 R	91	--	--	--	--	--	--
09/06/73 1101	1101 1101		5.0		--	--	--	--	6 R	189	--	--	--	--	--	--
26 3127.10 DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE.																
10/04/72 0625	1101 1101	63.0F	4.6		--	--	--	--	18 R	198	--	--	--	--	--	--
11/02/72 0615	1101 1101	52.0F	7.3		--	--	--	--	26 R	81	--	--	--	--	--	--
12/01/72 0730	1101 1101	48.0F	6.9		--	--	--	--	16 R	56	--	--	--	--	--	--
01/03/73 0740	1101 1101	46.0F	7.0		--	--	--	--	34 R	36	--	--	--	--	--	--
03/07/73 0730	1101 1101	52.0F	4.9		--	--	--	--	15 R	42	--	--	--	--	--	--
04/05/73 0715	1101 1101	50.0F	7.4		--	--	--	--	30 R	87	--	--	--	--	--	--
05/04/73 0815	1101 1101	59.0F	9.4		--	--	--	--	23 R	117	--	--	--	--	--	--
06/04/73 0520	1101 1101	62.0F	3.8		--	--	--	--	13 R	75	--	--	--	--	--	--
07/02/73 1101	1101 1101	68.0F	3.4		--	--	--	--	12 R	96	--	--	--	--	--	--
08/01/73 0850	1101 1101	74.0F	12.4		--	--	--	--	11 R	75	--	--	--	--	--	--
09/06/73 1101	1101 1101	67.0F	1.4		--	--	--	--	26 R	19	--	--	--	--	--	--
26 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE.																
10/04/72 0640	1101 1101	69.0F	1.6		--	--	--	--	14 R	156	--	--	--	--	--	--
11/02/72 0605	1101 1101	55.0F	6.9		--	--	--	--	10 R	110	--	--	--	--	--	--
12/01/72 0715	1101 1101	50.0F	7.4		--	--	--	--	12 R	131	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	NO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S O+G ML/L COLOR	ROD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T OODR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
26 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE. CONTINUED																
01/03/73 0720	1101 1101	50.0F	5.5		--	--	--	--	16 R	114	--	--	--	--	--	--
03/07/73 0715	1101 1101	5.7			--	--	--	--	17 R	112	--	--	--	--	--	--
04/05/73 0715	1101 1101	52.0F	7.2		--	--	--	--	30 B	142	--	--	--	--	--	--
05/04/73 0805	1101 1101	58.0F	4.4		--	--	--	--	34 R	148	--	--	--	--	--	--
06/04/73 0525	1101 1101	64.0F	0.2		--	--	--	--	12 R	106	--	--	--	--	--	--
07/02/73 1101	1101 1101	1.4			--	--	--	--	11 R	100	--	--	--	--	--	--
08/01/73 0845	1101 1101	72.0F	4.3		--	--	--	--	12 B	76	--	--	--	--	--	--
09/06/73 1101	1101 1101	70.0F	0.0		--	--	--	--	6 R	209	--	--	--	--	--	--
76 9745.10 RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS																
10/18/72 0700	1101 1101	63.0F	6.3		--	--	--	--	3 R	41	--	--	--	--	--	--
12/15/72 1101	1101 1101	46.0F	10.0		--	--	--	--	2 R	16	--	--	--	--	--	--
01/15/73 0700	1101 1101	58.0F	8.1		--	--	--	--	12 R	40	--	--	--	--	--	--
02/20/73 1101	1101 1101	55.0F	7.8		--	--	--	--	2 R	63	--	--	--	--	--	--
03/21/73 0600	1101 1101	53.0F	7.8		--	--	--	--	5 R	23	--	--	--	--	--	--
04/19/73 1101	1101 1101	60.0F	8.4		--	--	--	--	--	4	--	--	--	--	--	--
05/18/73 1101	1101 1101	65.0F	7.5		--	--	--	--	5 R	25	--	--	--	--	--	--
06/18/73 0600	1101 1101	65.5F	6.7		--	--	--	--	4 R	31	--	--	--	--	--	--
07/17/73 1101	1101 1101	61.0F	7.5		--	--	--	--	3 R	26	--	--	--	--	--	--
08/15/73 1101	1101 1101	72.0F	5.5		--	--	--	--	4 R	28	--	--	--	--	--	--
09/17/73 0820	1101 1101	70.0F	6.6		--	--	--	--	3 R	17	--	--	--	--	--	--
77 5126.10 RIO HONDO RIVER AT POMONA FWY																
10/18/72 0630	1101 1101	60.0F	2.0		--	--	--	--	4 R	45	--	--	--	--	--	--
12/15/72 0600	1101 1101	45.0F	7.7		--	--	--	--	4 R	3	--	--	--	--	--	--
01/15/73 0630	1101 1101	58.0F	4.1		--	--	--	--	6 R	26	--	--	--	--	--	--
02/20/73 0600	1101 1101	50.0F	9.2		--	--	--	--	3 R	12	--	--	--	--	--	--
03/21/73 0515	1101 1101	47.0F	3.5		--	--	--	--	1 R	7	--	--	--	--	--	--
04/19/73 0615	1101 1101	59.0F	5.4		--	--	--	--	--	32	--	--	--	--	--	--
05/18/73 1101	1101 1101	65.0F	3.1		--	--	--	--	10 R	74	--	--	--	--	--	--
06/18/73 0515	1101 1101	65.0F	5.3		--	--	--	--	3 R	19	--	--	--	--	--	--
08/15/73 0600	1101 1101	70.0F	1.6		--	--	--	--	5 R	60	--	--	--	--	--	--
09/20/73 0640	1101 1101	65.0F	2.6		--	--	--	--	4 R	40	--	--	--	--	--	--
77 7050.00 SAN JOSE CREEK AT WORKMAN MILL RD																
03/21/73 0800	1101 1101	47.0F	9.8		--	--	--	--	3 B	40	--	--	--	--	--	--
04/19/73 1101	1101 1101	8.0			--	--	--	--	--	149	--	--	--	--	--	--
05/18/73 0805	1101 1101	62.0F	8.4		--	--	--	--	--	38	--	--	--	--	--	--
06/18/73 0845	1101 1101	66.0F	8.8		--	--	--	--	23 B	50	--	--	--	--	--	--
07/17/73 0700	1101 1101	64.0F	4.5		--	--	--	--	19 B	46	--	--	--	--	--	--
08/15/73 0735	1101 1101	66.0F	4.3		--	--	--	--	15 R	68	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S		BOD SUS S	V	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L									
27 7050.00		SAN JOSE CREEK AT WORKMAN MILL RD										CONTINUED						
09/20/73 1035	1101 1101	66.0F	7.0		--		--	--	--	18 --	R	45 --	-- --	-- --	-- --	-- --	-- --	-- --
28 1060.10		SAN GABRIEL RIVER AT PACIFIC COAST HWY																
10/18/72 0730	1101 1101	77.0F	5.5		--		--	--	--	2 --	R	107 --	-- --	-- --	-- --	-- --	-- --	-- --
12/15/72 0640	1101 1101	73.0F	6.0		--		--	--	--	5 --	R	55 --	-- --	-- --	-- --	-- --	-- --	-- --
02/20/73 0730	1101 1101	72.0F	6.4		--		--	--	--	2 --	R	162 --	-- --	-- --	-- --	-- --	-- --	-- --
03/21/73 0700	1101 1101	72.0F	5.7		--		--	--	--	6 --	R	87 --	-- --	-- --	-- --	-- --	-- --	-- --
04/19/73 0645	1101 1101	71.0F	6.1		--		--	--	--	--		113 --	-- --	-- --	-- --	-- --	-- --	-- --
05/18/73 0800	1101 1101		5.4		--		--	--	--	6 --	R	89 --	-- --	-- --	-- --	-- --	-- --	-- --
06/18/73 0700	1101 1101	77.0F	5.5		--		--	--	--	3 --	R	232 --	-- --	-- --	-- --	-- --	-- --	-- --
07/17/73 0615	1101 1101	82.0F	5.1		--		--	--	--	1 --	R	131 --	-- --	-- --	-- --	-- --	-- --	-- --
08/15/73 0700	1101 1101	78.0F	5.0		--		--	--	--	3 --	R	101 --	-- --	-- --	-- --	-- --	-- --	-- --
09/20/73 0700	1101 1101	75.0F	5.4		--		--	--	--	3 --	R	104 --	-- --	-- --	-- --	-- --	-- --	-- --
28 1165.10		COYOTE CREEK AT WILLOW STREET																
10/04/72 0610	1101 1101	63.0F	3.1		0.38 L		--	3 --	--	18 --	R	-- --	-- 0.002	-- --	-- --	-- --	-- --	-- --
10/18/72 1101	1101 1101	63.0F	4.6		--		--	1 --	--	4 --	R	62 --	-- --	-- --	-- --	-- --	-- --	-- --
12/15/72 0615	1101 1101	41.0F	6.7		--		--	55 --	--	17 --	R	67 --	-- --	-- --	-- --	-- --	-- --	-- --
01/15/73 0625	1101 1101	55.0F	4.1		--		--	7 --	--	6 --	R	37 --	-- --	-- --	-- --	-- --	-- --	-- --
02/20/73 0650	1101 1101	53.0F	8.3		--		--	2 --	--	8 --	R	29 --	-- --	-- --	-- --	-- --	-- --	-- --
03/21/73 0615	1101 1101	49.0F	8.6		--		--	3 --	--	12 --	R	40 --	-- --	-- --	-- --	-- --	-- --	-- --
04/19/73 0615	1101 1101	55.0F	5.8		--		--	1 --	--	--		60 --	-- --	-- --	-- --	-- --	-- --	-- --
05/18/73 0620	1101 1101	65.0F	5.1		--		--	3 --	--	R	R	87 --	-- --	-- --	-- --	-- --	-- --	-- --
06/18/73 0630	1101 1101	63.0F	4.7		--		--	0 --	--	6 --	R	56 --	-- --	-- --	-- --	-- --	-- --	-- --
07/17/73 0730	1101 1101	71.0F	6.9		--		--	--	--	150 --	R	366 --	-- --	-- --	-- --	-- --	-- --	-- --
08/15/73 0615	1101 1101	68.0F	3.7		--		--	--	--	124 --	R	445 --	-- --	-- --	-- --	-- --	-- --	-- --
09/20/73 0615	1101 1101	69.0F	4.7		--		0.4	--	--	1 --	R	49 --	-- --	-- --	-- --	-- --	-- --	-- --
28 1225.10		SAN GABRIEL RIVER AT WILLOW STREET																
10/04/72 0600	1101 1101	75.0F	6.7		0.54 L		--	9 --	--	13 --	R	-- --	-- 0.000	-- --	-- --	-- --	-- --	-- --
10/18/72 0615	1101 1101	77.0F	6.8		--		--	2 --	--	3 --	R	66 --	-- --	-- --	-- --	-- --	-- --	-- --
12/15/72 0600	1101 1101	60.0F	8.4		--		--	1 --	--	2 --		43 --	-- --	-- --	-- --	-- --	-- --	-- --
01/15/73 0615	1101 1101	64.0F	7.2		--		--	1 --	--	4 --	R	64 --	-- --	-- --	-- --	-- --	-- --	-- --
02/20/73 0640	1101 1101	64.0F	4.5		--		--	2 --	--	6 --	R	66 --	-- --	-- --	-- --	-- --	-- --	-- --
03/21/73 0600	1101 1101	59.0F	7.1		--		--	4 --	--	0 --	R	67 --	-- --	-- --	-- --	-- --	-- --	-- --
04/19/73 0600	1101 1101	65.0F	6.2		--		--	5 --	--	--		48 --	-- --	-- --	-- --	-- --	-- --	-- --
05/18/73 0600	1101 1101	70.0F	7.4		--		--	--	--	--		74 --	-- --	-- --	-- --	-- --	-- --	-- --
06/18/73 0610	1101 1101	66.0F	6.5		--		--	1 --	--	10 --	R	71 --	-- --	-- --	-- --	-- --	-- --	-- --
07/17/73 0650	1101 1101	73.0F	4.5		--		--	--	--	3 --	R	92 --	-- --	-- --	-- --	-- --	-- --	-- --
08/15/73 0600	1101 1101	67.0F	6.9		--		--	--	--	16 --	R	79 --	-- --	-- --	-- --	-- --	-- --	-- --
09/20/73 0610	1101 1101	73.0F	7.2		--		--	--	--	1 --	R	92 --	-- --	-- --	-- --	-- --	-- --	-- --

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT)  
MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET 5 O+G ML/L COLOR	BOD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
Z8 1276.10 COYOTE CREEK AT DEL AMO BLVD																
10/18/72	1101	56.0F	13.7						3	R	37					
	1101															
12/15/72	1101	48.0F	5.9						7	R	21					
	0715															
01/15/73	1101	54.0F	3.7						13	R	52					
	0600															
02/20/73	1101	52.0F	8.1						4	R	38					
	0555															
03/21/73	1101	48.0F	9.9						10	R	28					
	0620															
04/19/73	1101	55.0F	5.8								24					
	0600															
05/18/73	1101	60.0F	5.9						8	R	113					
	0600															
06/18/73	1101	72.0F	13.4						6	R	48					
	0950															
07/17/73	1101	67.0F	3.4						41	R	108					
	0945															
08/15/73	1101	67.0F	3.2						106	R	201					
	0600															
09/20/73	1101	66.0F	4.8						29	R	138					
	0920															
Z8 1326.10 COYOTE CREEK AT VALLEY VIEW AVE																
10/18/72	1101	59.0F	9.8						33	R	132					
	1101															
12/28/72	1101	49.0F	8.3						27	R	15					
	0730															
01/15/73	1101	54.0F	4.6						5	R	16					
	0630															
02/20/73	1101	50.0F	9.8						2	R	41					
	0620															
03/21/73	1101	46.0F	11.0						19	R	13					
	0640															
04/19/73	1101	54.0F	5.2						0	R	8					
	0630															
05/18/73	1101	61.0F	5.9						6	R	115					
	0625															
06/18/73	1101	70.0F	8.3						5	R	52					
	0920															
07/17/73	1101	64.0F	3.5						7	R	52					
	0610															
08/15/73	1101	66.0F	4.2						13	R	58					
	0625															
09/20/73	1101	66.0F	7.5						5	R	37					
	0945															
Z8 1427.10 COYOTE CREEK NORTH FORK AT LEFFINGWELL RD																
10/18/72	1101	55.0F	10.5						5	R	12					
	1101															
12/15/72	1101	43.0F	10.7						3	R	8					
	0750															
01/15/73	1101	52.0F	4.4						4	R	12					
	0700															
02/20/73	1101	53.0F	0.0						3	R	27					
	0700															
03/21/73	1101	52.0F	10.0						4	R	33					
	0700															
04/19/73	1101	62.0F	8.4								8					
	0700															
05/18/73	1101	62.0F	8.8						8	R	73					
	0720															
06/18/73	1101	74.0F	13.1						11	R	46					
	0900															
07/17/73	1101	70.0F	3.5						5	R	33					
	0620															
08/15/73	1101	71.0F	10.5						12	R	66					
	0655															
09/20/73	1101	69.0F	13.9						6	R	24					
	1005															



TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MGAS	DEPTH TURB	T+L CHLOR	O+G COLOR	SET S ML/L MG/L	BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
ZB 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS																	
03/21/73	1101	48.0F	7.8				--	--	--	17	R	89	--	--	--	--	--
0515	1101				--		--	--	--	--	--	--	--	--	--	--	--
04/19/73	1101	59.0F	7.3				--	--	--	--	8	--	--	--	--	--	--
0530	1101				--		--	--	--	--	--	--	--	--	--	--	--
05/18/73	1101		8.1		--		--	--	--	--	4	--	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
06/18/73	1101		7.2		--		--	--	--	4	R	27	--	--	--	--	--
0540	1101				--		--	--	--	--	--	--	--	--	--	--	--
07/17/73	1101		9.3		--		--	--	--	3	R	16	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
08/15/73	1101	72.0F	7.4		--		--	--	--	2	R	37	--	--	--	--	--
0800	1101				--		--	--	--	--	--	--	--	--	--	--	--
09/17/73	1101	67.0F	7.9		--		--	--	--	5	R	7	--	--	--	--	--
0850	1101				--		--	--	--	--	--	--	--	--	--	--	--
ZB 1700.00 SAN GABRIEL RIVER AT BEVERLY BLVD																	
12/15/72	1101	45.0F	10.4		--		--	--	--	4	R	9	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
01/15/73	1101	53.0F	8.5		--		--	--	--	4	R	12	--	--	--	--	--
0715	1101				--		--	--	--	--	--	--	--	--	--	--	--
02/20/73	1101	52.0F	8.3		--		--	--	--	9	R	21	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
03/21/73	1101	51.0F	6.3		--		--	--	--	20	R	57	--	--	--	--	--
0540	1101				--		--	--	--	--	--	--	--	--	--	--	--
04/19/73	1101	61.0F	8.4		--		--	--	--	--	8	--	--	--	--	--	--
0710	1101				--		--	--	--	--	--	--	--	--	--	--	--
05/18/73	1101	63.0F	7.9		--		--	--	--	10	R	37	--	--	--	--	--
0715	1101				--		--	--	--	--	--	--	--	--	--	--	--
06/18/73	1101	63.0F	7.1		--		--	--	--	6	R	8	--	--	--	--	--
0530	1101				--		--	--	--	--	--	--	--	--	--	--	--
07/17/73	1101	63.0F	6.5		--		--	--	--	2	R	21	--	--	--	--	--
0600	1101				--		--	--	--	--	--	--	--	--	--	--	--
09/20/73	1101	67.0F	6.6		--		--	--	--	4	P	76	--	--	--	--	--
0710	1101				--		--	--	--	--	--	--	--	--	--	--	--
ZB 5170.00 RIO HONDO RIVER NEAR DOWNEY																	
10/18/72	1101	59.0F			--		--	--	--	8	R	87	--	--	--	--	--
0745	1101				--		--	--	--	--	--	--	--	--	--	--	--
01/15/73	1101	56.0F	8.5		--		--	--	--	12	R	68	--	--	--	--	--
0745	1101				--		--	--	--	--	--	--	--	--	--	--	--
02/20/73	1101	48.0F	11.6		--		--	--	--	7	R	40	--	--	--	--	--
0800	1101				--		--	--	--	--	--	--	--	--	--	--	--
03/21/73	1101	42.0F	10.1		--		--	--	--	10	R	29	--	--	--	--	--
0630	1101				--		--	--	--	--	--	--	--	--	--	--	--
04/19/73	1101	60.0F	11.5		--		--	--	--	--	68	--	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
05/18/73	1101	63.0F	5.8		--		--	--	--	18	R	106	--	--	--	--	--
	1101				--		--	--	--	--	--	--	--	--	--	--	--
06/18/73	1101	61.0F	4.5		--		--	--	--	25	R	106	--	--	--	--	--
0630	1101				--		--	--	--	--	--	--	--	--	--	--	--
07/17/73	1101	59.0F	4.8		--		--	--	--	5	R	0	--	--	--	--	--
0645	1101				--		--	--	--	--	--	--	--	--	--	--	--
08/15/73	1101	68.0F	11.4		--		--	--	--	5	R	28	--	--	--	--	--
0730	1101				--		--	--	--	--	--	--	--	--	--	--	--
09/20/73	1101	62.0F	7.7		--		--	--	--	17	R	168	--	--	--	--	--
0745	1101				--		--	--	--	--	--	--	--	--	--	--	--

TABLE D-6  
NUTRIENT ANALYSIS OF SURFACE WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
G.H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
TURB	- Jackson Turbidity Units measured with a Hallege Turbidimeter (E) or a Hach Nephelometer (A)
CO <sub>2</sub>	- Field determination of carbon dioxide in milligrams per liter
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in micromhos at 25° C
HCO <sub>3</sub>	- Bicarbonate in milligrams per liter
CO <sub>3</sub>	- Carbonate in milligrams per liter

Nitrogen Series as N

NO <sub>2</sub>	- Unfiltered nitrite
NH <sub>3</sub>	- Unfiltered ammonia
NO <sub>3</sub>	- Unfiltered nitrate
ORG N	- Organic nitrogen
DIS	- Dissolved organic nitrogen
ORG N	
NH <sub>3</sub> + ORG N	- Ammonia plus organic nitrogen
CaCO <sub>3</sub> P	- Carbonate alkalinity as calcium carbonate
CaCO <sub>3</sub> T	- Carbonate plus bicarbonate alkalinity as calcium carbonate

Phosphorus Series as P

DIS	- Dissolved acid hydrolyzable phosphate
A.H.PO <sub>4</sub>	
F H <sub>3</sub> PO <sub>4</sub>	- Filtered phosphoric acid
U H <sub>3</sub> PO <sub>4</sub>	- Unfiltered phosphoric acid
F TOT P	- Filtered total phosphorus
U TOT P	- Unfiltered total phosphorus

The LAB and SAMPLER codes are as follows:

1101	- Los Angeles County Flood Control District
4412	- The Metropolitan Water District of Southern California
5000	- U. S. Geological Survey
5050	- Department of Water Resources
5101	- San Bernardino County Flood Control District
5229	- City of San Diego Water Department
5411	- United Water Conservation District

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																	
DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	LABORATORY PH	FIELD EC	FIELD LAB					NUTRIENT CONSTITUENTS IN MILLIGRAMS				PER LITER		F TOT P U TOT P REM
						TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3) U (NH3)	DIS A.H.P04	F H3P04 U H3P04		
V2 1882.50 TWIN LAKES AT OUTLET BELOW DAM, STATION NO. 3																	
10/11/72	5050		42 F	7.7						0.00	--	--		0.00	--		
1045	5050	7 E	0		103					0.00	0.03	0.06	0.06	0.02	--	0.04	
V2 1883.00 LAKE MAMIE AT OUTLET ABOVE DAM																	
10/11/72	5050		44 F	6.9						0.00	0.00	--	--		0.00	--	
1015	5050	5 E	0		40					0.00	0.03	0.08	0.08	0.02	--	0.03	
V2 1884.00 LAKE MARY AT OUTLET BELOW DAM																	
10/10/72	5050		46 F	7.0						0.00	0.00	--	--		0.00	--	
1435	5050	1.5	0		40					0.00	0.00	0.08	0.08	0.01	--	0.03	
V2 1884.05 LAKE GEORGE AT END OF BOAT DOCK																	
10/10/72	5050		48 F	7.0						0.00	0.00	--	--		0.00	--	
1410	5050				25					0.00	0.05	0.06	0.06	0.01	--	0.03	
V2 1884.10 LAKE GEORGE OVERFLOW NEAR LAKE MARY																	
10/10/72	5050		45 F	7.0						0.00	0.00	--	--		0.00	--	
1500	5050	1 E	0		38					0.00	0.00	0.04	0.04	0.01	--	0.02	
V2 1884.35 COLD WATER CREEK AT LAKE MARY																	
10/10/72	5050		40 F	7.0						0.00	0.00	--	--		0.00	--	
1525	5050	1 F	0		55					0.00	0.03	0.03	0.03	0.02	--	0.03	
V2 1884.40 MAMMOTH CREEK AT LAKE MARY																	
10/10/72	5050		41 F	6.9						0.00	0.00	--	--		0.00	--	
1545	5050	0.5	0		49					0.00	0.00	0.08	0.08	0.01	--	0.03	
V9 1580.00 MOJAVE RIVER NR HELENDALE																	
01/11/73	5101			7.7	659			196	0	--	1.4	--	--	--	--	--	
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE																	
11/29/72	5050	3.23	60.0F	7.7	460			181	0	--	--	--	--	--	0.13	--	
1315	5050	31.0		7.7	459			0	--	--	--	--	--	--	--	--	
01/11/73	5101			8.0	480			179	0	--	1.7	--	--	--	--	--	
01/31/73	5050	3.17	54.0F	7.8	420			175	0	--	--	--	--	--	0.22	--	
1320	5050	34.0		7.8	446			0	--	--	--	--	--	--	--	--	
04/26/73	5050		80.0F	7.7	260			113	0.0	--	--	--	--	--	0.2	--	
1315	5050	122.0		7.7	288			0.0	--	--	--	--	--	--	--	--	
07/25/73	5050		89.0F	8.4	465			184	0.0	--	--	--	--	--	0.7	--	
1245	5050	13.0		7.5	530			0.0	--	--	--	--	--	--	--	--	
V9 2235.10 LAKE GREGORY																	
10/26/72	5101							80	0	--	--	--	--	--	--	--	
1300				7.2	196			0	--	0.4	--	--	--	--	--	--	
05/15/73	5101			6.4	166			63	0	--	0.5	--	--	--	--	--	
V9 2240.00 SEELEY CR NR CEDAR SPRINGS																	
10/26/72	5101							90	0	--	--	--	--	--	--	--	
1100				6.9	268			0	--	0.9	--	--	--	--	--	--	
V9 2250.00 MOJAVE RIVER E. FORK OF THE W. FORK																	
05/15/73	5101			7.5	181			77	0	--	0.4	--	--	--	--	--	
W2 1560.00 COLORADO RIVER NEAR TOPOCK																	
11/01/72	5000							149	0	--	0.00	--	--	--	--	--	
0920		8790		7.8	1130			0	--	0.24	--	--	--	--	--	--	
12/01/72	5000		13.0C					154	0	--	0.00	--	--	--	--	--	
1210		8500		7.6	1120			0	--	0.29	--	--	--	--	--	--	
01/04/73	5000		9.5C					157	0	--	0.00	--	--	--	--	--	
1130		10480		8.2	1130			0	--	0.29	--	--	--	--	--	--	
03/01/73	5000							167	0	--	0.00	--	--	--	--	--	
1220		10460		8.2	1140			0	--	0.37	--	--	--	--	--	--	
04/02/73	5000							159	0	--	0.00	--	--	--	--	--	
1015		9240		8.3	1120			0	--	0.32	--	--	--	--	--	--	
05/01/73	5000		14.0C					160	0	--	0.01	--	--	--	--	--	
0915		14900		8.0	1110			0	--	0.08	--	--	--	--	--	--	
06/14/73	5000		16.0C					163	0	--	0.01	--	--	--	--	--	
1050		14250		7.5	1100			0	--	0.41	--	--	--	--	--	--	
07/03/73	5000							153	0	--	0.01	--	--	--	--	--	
1200		17370		7.9	1110			0	--	0.28	--	--	--	--	--	--	
08/01/73	5000		19.0C					153	0	--	0.00	--	--	--	--	--	
1100		17540		7.5	1090			0	--	0.27	--	--	--	--	--	--	
09/04/73	5000		20.0C					152	0	--	0.01	--	--	--	--	--	
1130		12920		8.1	1110			0	--	0.17	--	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS				PER LITER		F TOT P U TOT P REM
				LABORATORY PH	EC	TURB F-CO2	FIELD CACO3 P CACO3 T	LAB HCO3 CO3	NH3	NUTRIENT NO2 NO3	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.M.PO4	F H3PO4 U H3PO4			
W2 1775.10 COLORADO RIVER BELOW PARKER DAM																	
11/05/72 5000 1200		9300		7.6	1120			159 0	--	0.01 0.22	--	--	--	--	--	--	
12/03/72 5000 1100		4410		7.4	1150			157 0	--	0.01 0.22	--	--	--	--	--	--	
01/07/73 5000 1115		8830		8.0	1150			157 0	--	0.00 0.34	--	--	--	--	--	--	
02/04/73 5000 0945		9310		8.3	1150			163 0	--	0.01 0.30	--	--	--	--	--	--	
04/01/73 5000 0845		16160		8.1	1060			158 0	--	0.00 0.41	--	--	--	--	--	--	
05/06/73 5000 1130		18200		7.6	1140			162 0	--	0.03 0.33	--	--	--	--	--	--	
06/03/73 5000 0900		9000		7.9	1110			168 0	--	0.05 0.33	--	--	--	--	--	--	
08/05/73 5000 0910		15900		7.6	1140			177 0	--	0.00 1.0	--	--	--	--	--	--	
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER																	
11/06/72 5000 1240				7.5	1130			152 0	--	0.02 0.20	--	--	--	--	--	--	
12/04/72 5000 1240			14.5C	7.5	1150			159 0	--	0.01 0.21	--	--	--	--	--	--	
02/12/73 5000 1350			11.0C	8.1	1160			164 0	--	0.01 0.28	--	--	--	--	--	--	
03/05/73 5000 1110				8.0	1120			166 0	--	0.02 0.37	--	--	--	--	--	--	
04/02/73 5000 1000			16.0C	8.2	1080			158 0	--	0.00 0.43	--	--	--	--	--	--	
04/30/73 5000 1305		1230	18.5C	8.1	1140			162 0	--	0.01 0.09	--	--	--	--	--	--	
06/04/73 5000 0915			23.0C	7.9	1120			165 0	--	0.01 0.28	--	--	--	--	--	--	
07/02/73 5000 0920			23.5C	7.9	1120			157 0	--	0.01 0.26	--	--	--	--	--	--	
07/30/73 5000 0920		1250	24.0C	7.6	1110			153 0	--	0.02 0.19	--	--	--	--	--	--	
09/04/73 5000 1010			24.5C	7.9	1100			149 0	--	0.00 0.09	--	--	--	--	--	--	
W2 1985.05 COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE																	
12/00/72 4412			57.0F	8.3	1150	2A<		150 1	0.036	0.004 0.2	-- 0.302	-- 0.338	--	--	--	--	
W7 1400.00 COLORADO RIVER BELOW CIBOLA VALLEY																	
11/06/72 5000 0900				7.4	1290			171 0	--	0.01 0.30	--	--	--	--	--	--	
12/04/72 5000 0900				7.6	1430			198 0	--	0.00 0.29	--	--	--	--	--	--	
01/02/73 5000 0930		7680		8.2	1410			179 0	--	0.00 0.43	--	--	--	--	--	--	
02/11/73 5000 0935		6800	11.5C	8.2	1490			193 0	--	0.01 0.32	--	--	--	--	--	--	
03/05/73 5000 1400		8590	15.0C	8.2	1300			181 0	--	0.00 0.38	--	--	--	--	--	--	
04/02/73 5000 1340			14.5C	8.1	1280			179 0	--	0.00 0.59	--	--	--	--	--	--	
04/30/73 5000 0835		10700	20.0C	7.8	1260			172 0	--	0.01 0.06	--	--	--	--	--	--	
06/04/73 5000 1300		7130	26.0C	7.9	1580			212 0	--	0.00 0.27	--	--	--	--	--	--	
07/30/73 5000 1700		11500	26.0C	7.8	1340			177 0	--	0.00 0.15	--	--	--	--	--	--	
09/04/73 5000 1715		4660	26.5C	8.2	1430			184 0	--	0.01 0.13	--	--	--	--	--	--	
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM																	
10/11/72 5000 5000		3650							--	--	--	--	--	0.02	--	--	
10/18/72 5000 5000		3560							--	--	--	--	--	0.00	--	--	
10/25/72 5000 5000		3390							--	--	--	--	--	0.01	--	--	
11/01/72 5000 5000		5430		7.7	1410			188 0	--	0.00 0.21	--	--	--	0.02	--	--	
11/08/72 5000 5000		6330		8.0	1380			177 0	--	0.0 0.2	--	--	--	0.0	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																					
DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD LABORATORY		FIELD			LAB HCO3 CO3	NH3	NUTRIENT NO2 NO3	CONSTITUENTS IN MILLIGRAMS					PER LITER		F TOT P		
				PH	EC	TURB F-CO2	CAC03	P T				F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.M.P.O4	F H3PO4 U H3PO4	F TOT U TOT	P P	REM			
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM CONTINUED																					
11/22/72	5000								203		0.0	--	--				0.0	--			
	5000	3330		7.1	1560				0	--	1.8	--	--				--	--			
12/06/72	5000								183		0.00	--	--				0.01	--			
	5000	6070		7.6	1430				0	--	0.26	--	--				--	--			
12/13/72	5000								177		0.00	--	--				0.00	--			
	5000	6670		8.3	1340				0	--	0.29	--	--				--	--			
12/20/72	5000								183		0.00	--	--				0.00	--			
	5000	6080		8.2	1410				0	--	0.28	--	--				--	--			
12/27/72	5050	2.0R	54.0F	8.1	1500				188		--	--	--				0.00	--			
	1330	5050	5090.0	8.1	1403				0	--	--	--	--				--	--			
01/03/73	5000								179		0.00	--	--				0.01	--			
	5000	7210		8.1	1350				0	--	0.33	--	--				--	--			
01/10/73	5000								177		0.00	--	--				0.01	--			
	5000	7220		8.3	1350				0	--	0.32	--	--				--	--			
02/10/73	5000								179		0.00	--	--				0.01	--			
	5000	5320		8.1	1380				0	--	0.33	--	--				--	--			
02/20/73	5000								186		0.00	--	--				0.01	--			
	5000	5900		8.3	1390				0	--	0.29	--	--				--	--			
03/01/73	5000								189		0.01	--	--				0.01	--			
	5000	6430		8.1	1370				0	--	0.26	--	--				--	--			
03/10/73	5000								176		0.00	--	--				0.01	--			
	5000	8160		8.2	1250				0	--	0.32	--	--				--	--			
03/20/73	5000								181		0.00	--	--				0.00	--			
	5000	8630		8.1	1300				0	--	0.27	--	--				--	--			
03/27/73	5050	2.30	60.0F	8.0	1150				170		--	--	--				0.01	--			
	1045	5050	10910.0	8.0	1211				0.0	--	--	--	--				--	--			
03/30/73	5000								170		0.00	--	--				0.00	--			
	5000	11440		8.1	1220				0	--	0.32	--	--				--	--			
04/10/73	5000								172		0.00	--	--				0.00	--			
	5000	11720		8.0	1210				0	--	0.22	--	--				--	--			
04/20/73	5000		19.0C						179		0.00	--	--				0.00	--			
	5000	11000		8.0	1280				0	--	0.27	--	--				--	--			
04/30/73	5000								175		0.00	--	--				0.00	--			
	5000	10260		8.2	1290				0	--	0.25	--	--				--	--			
05/10/73	5000								178		0.00	--	--				0.00	--			
	5000	9888		8.0	1300				0	--	0.05	--	--				--	--			
05/20/73	5000								181		0.00	--	--				0.00	--			
	5000	8397		7.7	1320				0	--	0.23	--	--				--	--			
06/01/73	5000								183		0.00	--	--				0.01	--			
	5000	8290		8.0	1350				0	--	0.08	--	--				--	--			
06/11/73	5000								182		0.00	--	--				0.00	--			
	5000	9010		8.1	1290				0	--	0.20	--	--				--	--			
06/20/73	5000								182		0.00	--	--				0.00	--			
	5000	8650		7.8	1300				0	--	0.21	--	--				--	--			
06/26/73	5050	2.25	84.0F	8.1	1300				174		--	--	--				0.00	--			
	1100	5050	9770.0	8.0	1323				0	--	--	--	--				--	--			
06/30/73	5000								176		0.00	--	--				0.00	--			
	5000	9410		8.1	1300				0	--	0.15	--	--				--	--			
07/10/73	5000								166		0.00	--	--				0.02	--			
	5000	10730		8.2	1260				0	--	0.21	--	--				--	--			
08/10/73	5000								168		0.00	--	--				0.08	--			
	5000	10240		8.2	1300				0	--	0.13	--	--				--	--			
08/20/73	5000								138		0.00	--	--				0.01	--			
	5000	8910		8.1	1260				0	--	0.17	--	--				--	--			
09/25/73	5050		75.0F	8.1	1300				162		--	--	--				0.00	--			
	0700	5050	8970.0	8.1	1286				0	--	--	--	--				--	--			
W7 1905.00 PALO VERDE CANAL NEAR BLYTHE																					
11/06/72	5000								155		0.01	--	--				--	--			
	1100			7.3	1140				0	--	0.23	--	--				--	--			
12/04/72	5000		14.0C						163		0.00	--	--				--	--			
	1110			7.6	1180				0	--	0.25	--	--				--	--			
02/12/73	5000		11.5C						163		0.01	--	--				--	--			
	1145	806		8.2	1160				0	--	0.54	--	--				--	--			
03/05/73	5000		13.0C						170		0.14	--	--				--	--			
	0850	1150		7.6	1150				0	--	0.52	--	--				--	--			
04/02/73	5000		14.5C						163		0.00	--	--				--	--			
	0840			8.0	1080				0	--	0.45	--	--				--	--			
04/30/73	5000		19.5C						163		0.01	--	--				--	--			
	1100	1990		8.0	1150				0	--	0.06	--	--				--	--			
06/04/73	5000		23.5C						172		0.00	--	--				--	--			
	0730			8.0	1150				0	--	0.28	--	--				--	--			
07/02/73	5000		24.5C						162		0.11	--	--				--	--			
	0700	1840		7.8	1160				0	--	0.43	--	--				--	--			

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

NUTRIENT ANALYSIS OF SURFACE WATER

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME		SAMP LAB	G.M. DISCH.	TEMP DEPTH	LABORATORY PH	EC	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P		
							TURB	CAC03	P	HC03	NH3	N02	F ORG N	N	F (NH3 +	DIS	F H3PO4	F TOT	P
							F-C02	CAC03	T	C03		N03	U ORG N	U ORG N	A.H.P04	U H3PO4	U TOT	P	
X5 1320.00 SAN VICENTE CREEK AT SAN VICENTE DAM																			
01/02/73		5229			8.1	1110		1A<		144 0.0	--	0.1	--	--	--	--	0.0	--	0.0
03/27/73		5229			8.5	1048		2A		120 9.6	--	0.2	--	--	--	--	0.0	--	0.0
07/02/73		5229			8.8	982		3A<		87 14.0	--	0.3	--	--	--	--	0.0	--	0.0
X5 1520.00 SAN DIEGO RIVER AT EL CAPITAN DAM																			
01/02/73		5229			8.4	1035		4A<		188 4.8	--	0.1	--	--	--	--	0.0	--	0.0
03/27/73		5229			8.5	765		5A		128 9.6	--	0.1	--	--	--	--	0.0	--	0.0
07/02/73		5229			8.7	757		3A<		153 0.0	--	0.4	--	--	--	--	0.0	--	0.0
X5 1990.10 ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR																			
10/00/72		5229			8.2	1115		1A<		144 0.0	--	0.1	--	--	--	0.0	0.0	--	--
11/00/72		5229			8.2	1129		1A<		146 0.0	--	0.2	--	--	--	0.0	0.0	--	--
12/00/72		5229			8.2	1116		1A<		149 0.0	--	0.2	--	--	--	0.0	0.0	--	--
01/00/73		5229			8.2	1128		1A<		149 0.0	--	0.0	--	--	--	0.0	0.0	--	--
02/00/73		5229			8.2	1115		1A<		148 0.0	--	0.3	--	--	--	0.0	0.0	--	--
03/00/73		5229			8.2	1105		1A<		149 0.0	--	0.2	--	--	--	0.0	0.0	--	--
04/00/73		5229			8.2	1089		1A<		149 0.0	--	0.2	--	--	--	0.0	0.0	--	--
05/00/73		5229			8.2	1111		1A<		154 0.0	--	0.3	--	--	--	0.0	0.0	--	--
06/00/73		5229			8.2	1072		1A<		149 0.0	--	0.3	--	--	--	0.0	0.0	--	--
07/00/73		5229			8.2	950		1A<		153 0.0	--	0.2	--	--	--	0.0	0.0	--	--
08/00/73		5229			8.2	965		1A<		131 0.0	--	0.0	--	--	--	--	0.0	--	0.0
09/00/73		5229			8.1	1018		1A<		144 0.0	--	0.1	--	--	--	--	0.0	--	0.0
X5 6200.10 MIRAMAR RESERVOIR NEAR MIRAMAR																			
04/30/73		5229			8.4	1145		1A<		115 8.4	--	0.1	--	--	--	--	0.0	--	0.0
07/31/73		5229			8.4	1052		1A<		90 3.6	--	0.1	--	--	--	--	0.0	--	0.0
X5 6990.10 MIRAMAR FILTRATION PLANT BELOW MIRAMAR																			
10/00/72		5229			8.2	1097		1A<		148 0.0	--	0.1	--	--	--	--	0.0	--	0.0
11/00/72		5229			8.2	1138		1A<		150 0.0	--	0.2	--	--	--	--	0.0	--	0.0
12/00/72		5229			8.2	1150		1A<		137 0.0	--	0.3	--	--	--	--	0.0	--	0.0
01/00/73		5229			8.2	1112		1A<		142 0.0	--	0.2	--	--	--	--	0.0	--	0.0
02/00/73		5229			8.1	1129		1A<		157 0.0	--	0.3	--	--	--	--	0.0	--	0.0
03/00/73		5229			8.2	1090		1A<		148 0.0	--	0.2	--	--	--	--	0.0	--	0.0
04/00/73		5229			8.2	1110		1A<		134 0.0	--	0.3	--	--	--	--	0.0	--	0.0
05/00/73		5229			8.2	1113		1A<		155 0.0	--	0.2	--	--	--	--	0.0	--	0.0
06/00/73		5229			8.2	1085		1A<		154 0.0	--	0.4	--	--	--	--	0.3	--	0.3
07/00/73		5229			8.2	1062		1A<		154 0.0	--	0.2	--	--	--	--	0.0	--	0.0
08/00/73		5229			8.2	1056		1A<		149 0.0	--	0.0	--	--	--	--	0.0	--	0.0
09/00/73		5229			8.2	1037		1A<		150 0.0	--	0.1	--	--	--	--	0.0	--	0.0

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER							F TOT P	
						TURB	CAC03 P	HC03	NH3	N02	F ORG N	F (NH3 +	DIS	F H3PO4	F TOT P	U TOT P	REM		
						F-C02	CAC03 T	C03		N03	U ORG N	U ORG N	A.H.P04	U H3PO4	U TOT P				
X7 1300.00 OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)																			
04/30/73	5229						3A<	166		--	--	--		0.0	--				
			8.3	740				0	--	0.1	--	--	--	--	0.0			0.0	
07/31/73	5229						1A>	138		--	--	--		0.0	--				
			8.7	717				14.4	--	0.3	--	--	--	--	0.0			0.0	
X7 1320.10 OTAY RIVER AT UPPER OTAY RESERVOIR																			
01/30/73	5229						5A	131		--	--	--		0.0	--				
	5229		7.9	1002				0.0	--	0.6	--	--	0.0	--	--				
02/27/73	5229						6A	113		--	--	--		0.0	--				
	5229		8.5	900				8.4	--	1.0	--	--	0.0	--	--				
08/30/73	5229						2A<	154		--	--	--		0.0	--				
	5229		7.9	765				0.0	--	0.1	--	--	0.0	--	--				
X7 1990.10 LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.																			
10/00/72	5229						1A<	137		--	--	--		0.0	--				
	5229		8.4	1013				3.6	--	0.1	--	--	0.0	--	--				
11/00/72	5229						1A<	159		--	--	--		0.0	--				
	5229		8.3	1037				0.0	--	0.6	--	--	0.0	--	--				
12/00/72	5229						1A<	181		--	--	--		0.0	--				
	5229		8.3	925				0.0	--	0.2	--	--	0.0	--	--				
01/00/73	5229						1A<	155		--	--	--		0.0	--				
	5229		8.2	973				0.0	--	0.0	--	--	0.0	--	--				
02/00/73	5229						1A<	161		--	--	--		0.0	--				
	5229		8.3	985				0.0	--	0.2	--	--	0.0	--	--				
03/00/73	5229						1A<	150		--	--	--		0.0	--				
	5229		8.3	952				0.0	--	0.2	--	--	0.0	--	--				
04/00/73	5229						1A<	151		--	--	--		0.0	--				
	5229		8.3	907				0.0	--	0.3	--	--	0.0	--	--				
05/00/73	5229						1A<	159		--	--	--		0.0	--				
	5229		8.3	1025				0.0	--	0.2	--	--	0.0	--	--				
06/00/73	5229						1A<	156		--	--	--		0.0	--				
	5229		8.3	1005				0.0	--	0.5	--	--	0.0	--	--				
07/00/73	5229						1A<	160		--	--	--		0.0	--				
	5229		8.3	998				0.0	--	0.2	--	--	0.0	--	--				
08/00/73	5229						1A<	144		--	--	--		0.0	--				
	5229		8.4	959				7.2	--	0.1	--	--	0.0	--	--				
09/00/73	5229						1A<	151		--	--	--		0.0	--				
	5229		8.3	1025				0.0	--	0.5	--	--	0.0	--	--				
X8 2210.00 COTTONWOOD CREEK AT BARRETT DAM																			
11/27/72	5229						7A<	239		--	--	--		0.0	--				
			8.4	846				9.6	--	0.2	--	--	--	0.0	--			0.0	
06/01/73	5229						5A<	178		--	--	--		0.1	--				
			7.8	584				0	--	0.0	--	--	--	--	0.1			0.1	
X8 2430.00 COTTONWOOD CREEK AT MORENA DAM																			
11/30/72	5229						5A>	325		--	--	--		0.2	--				
			7.9	902				0.0	--	2.8	--	--	--	0.2	--			0.2	
06/01/73	5229						6A>	260		--	--	--		0.0	--				
			8.5	795				15.6	--	0.0	--	--	--	--	0.2			0.2	
Y1 1550.00 SANTA ANA RIVER BELOW PRADO DAM																			
10/27/72	5050	2.29	60.0F	7.7	1240					--	--	--		4.4	--				
	0815 5050									--	--	--	--	--	--				
11/30/72	5050	2.27	58.0F	7.7	1200					--	--	--		3.9	--				
	1400 5050									--	--	--	--	--	--				
12/14/72	5101							312		--	--	--		--	--				
			7.5	1263				0	--	10.4	--	--	--	--	--				
12/30/72	5050	2.30	49.0F	7.7	1200					--	--	--		2.8	--				
	1320 5050									--	--	--	--	--	--				
02/01/73	5050	2.67	54.0F	7.7	1350					--	--	--		2.2	--				
	1400 5050									--	--	--	--	--	--				
03/01/73	5050	2.81	52.0F	7.2	740					--	--	--		1.6	--				
	0800 5050								2.4	--	--	--	--	--	--				
04/12/73	5050	2.71	61.0F	7.4	900					--	--	--		1.9	--				
	1345 5050									--	--	--	--	--	--				
04/27/73	5050	2.74	60.0F	7.6	975					--	--	--		2.44	--				
	0900 5050									--	--	--	--	--	--				
05/24/73	5050	2.60	61.0F	7.6	1425					--	--	--		4.1	--				
	0730 5050									--	--	--	--	--	--				
06/07/73	5101							339		--	--	--		--	--				
	1100		7.8	1153				0	--	4.5	--	--	--	--	--				
06/29/73	5050	2.17	67.0F	7.8	1130					--	--	--		2.44	--				
	0700 5050									--	--	--	--	--	--				
07/26/73	5050	2.14	78.0F	7.8	1050					--	--	--		2.9	--				
	1315 5050									--	--	--	--	--	--				
08/29/73	5050	2.07	63.0F	7.8	1080					--	--	--		2.28	--				
	0815 5050									--	--	--	--	--	--				

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	EC	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P		
						TURB	CAC03	P	MC03	NH3	NO2	F ORG N	F (NH3 +	DIS	F H3PO4	F TOT P	U TOT P	REM
						F-C02	CAC03	T	C03		NO3	U ORG N	U ORG N	A.H.P04	U H3PO4			
Y1 1550.00 SANTA ANA RIVER BELOW PRADO DAM CONTINUED																		
09/28/73	5050		61.0F	8.0	1400											0.41	--	--
0730	5050	S E								--	--	--	--	--	--	--	--	--
Y4 1100.00 WARM CREEK NEAR COLTON																		
10/27/72	5050		74.0F	7.2	940											9.1	--	--
1200	5050	20 E								--	--	--	--	--	--	--	--	--
02/01/73	5050		62.0F	7.2	740											9.77	--	--
1040	5050	10 E								--	--	--	--	--	--	--	--	--
Y5 1050.10 SANTA ANA R SAN BERNARDINO RIVERSIDE CO LINE																		
05/24/73	5050		64 F	7.7	500				120							1.47	--	--
1000	5050	40 F		7.3	481				0	--	--	--	--	--	--	--	--	--
07/26/73	5050		80.0F	7.7	450				102							1.6	--	--
0930	5050	35 F		7.5	486				0	--	--	--	--	--	--	--	--	--
08/29/73	5050		80.0F	7.7	485				118							2.77	--	--
1030	5050	100 F		6.7	518				0	--	--	--	--	--	--	--	--	--
Y5 1100.00 SANTA ANA RIVER AT E STREET BRIDGE																		
10/27/72	5050	2.86	78.0F	7.2	940				340							13.4	--	--
1045	5050	21.0		7.1	955				0	23.9	--	--	--	--	--	--	--	--
11/30/72	5050	2.85	70.0F	7.2	950				348							10.7	--	--
1000	5050	23.0		7.5	948				0	25.9	--	--	--	--	--	--	--	--
12/14/72	5101			7.6	1009				327							--	--	--
									0	22.5	1.8	--	--	--	--	--	--	--
12/30/72	5050	2.73	62.0F	7.2	950				372							11.4	--	--
1010	5050	26.0		7.5	1020				0	29.3	--	--	--	--	--	--	--	--
02/01/73	5050	2.69	64.0F	7.2	920				358							10.1	--	--
1000	5050	25.0		7.5	943				0	28.0	--	--	--	--	--	--	--	--
03/01/73	5050	1.95	64.0F	7.2	825				333							7.2	--	--
1145	5050	45.0		7.9	853				0	19.3	--	--	--	--	--	--	--	--
04/12/73	5050	1.97	74.0F	7.2	875				385							11.1	--	--
1000	5050	28.0		7.2	997				0	25.9	--	--	--	--	--	--	--	--
04/27/73	5050	1.88	76.0F	7.4	800				360							7.8	--	--
1300	5050	34.0		7.4	934				0	--	--	--	--	--	--	--	--	--
05/24/73	5050	1.55	74.0F	7.2	950				378							9.1	--	--
1045	5050	33.0		7.2	978				0	25.3	--	--	--	--	--	--	--	--
05/31/73	5101			7.2	861				330							--	--	--
1130									0	--	1.0	--	--	--	--	--	--	--
06/29/73	5050	0.80	82.0F	7.2	850				339							5.7	--	--
1015	5050	37.0		7.2	922				0	18.9	--	--	--	--	--	--	--	--
07/26/73	5050	1.89	83.0F	7.2	930				401							12.3	--	--
0845	5050			7.4	1018				0	33.2	--	--	--	--	--	--	--	--
08/29/73	5050	1.67	85.0F	7.2	900				436							18.2	--	--
1100	5050			6.3	982				0	32.3	--	--	--	--	--	--	--	--
09/28/73	5050	1.69	82.0F	7.2	950				386							12.7	--	--
1045	5050			7.4	1045				0	29.5	--	--	--	--	--	--	--	--
Y5 1150.00 SANTA ANA RIVER AT WATERMAN AVENUE																		
05/31/73	5101			7.6	460				167							--	--	--
1100									0	--	7.4	--	--	--	--	--	--	--
Y5 1700.00 SANTA ANA RIVER NEAR MENTONE																		
12/14/72	5101			7.8	357				135							--	--	--
									0	--	1.2	--	--	--	--	--	--	--
05/31/73	5101			7.5	194				99							--	--	--
1000									0	--	0.5	--	--	--	--	--	--	--
Y5 1945.00 SANTA ANA RIVER SPREADING DIVERSION NEAR MENTONE																		
12/14/72	5101			7.7	353				140							--	--	--
									0	--	1.3	--	--	--	--	--	--	--
05/31/73	5101			7.6	204				97							--	--	--
1030									0	--	0.4	--	--	--	--	--	--	--
Y5 1978.00 SANTA ANA RIVER NO. 1 TAILRACE NEAR MENTONE																		
12/14/72	5101			7.8	285				138							--	--	--
									0	--	0.9	--	--	--	--	--	--	--
05/31/73	5101			7.6	218				95							--	--	--
1000									0	--	0.4	--	--	--	--	--	--	--
Y5 2400.00 BIG BEAR LAKE NEAR BIG BEAR LAKE																		
12/01/72	5101			7.5	283				145							--	--	--
0900									0	--	0.7	--	--	--	--	--	--	--
Y5 2400.10 BIG BEAR LAKE STREAM BELOW BIG BEAR DAM																		
12/01/72	5101			7.1	300				145							--	--	--
0900									0	--	1.2	--	--	--	--	--	--	--
05/14/73	5101			6.9	278				145							--	--	--
									0	--	0.0	--	--	--	--	--	--	--

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TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER									
				LABORATORY PH	EC	TURB F-CO2	CACO3 CACO3	P	HC03 CO3	NH3	NUTRIENT		CONSTITUENTS				PER LITER			
											N02 N03	F ORG U ORG	N	F (NH3 + U ORG N)	DIS A.M.P04	F H3P04 U H3P04	F TOT U TOT	P P REM		
Y6 1110.00 SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA																				
12/14/72	5101			7.3	1159				295 0	--	--	--	--	--	--	--	--	--	--	--
06/07/73	5101 1000			7.9	1138				312 0	--	--	--	--	--	--	--	--	--	--	--
Y6 1225.00 SANTA ANA RIVER NEAR NORCO																				
10/27/72	5050 1230	50 F	65.0F	7.4	1250					--	--	--	--	--	--	--	3.9	--	--	--
12/14/72	5101			7.3	1178				283 0	--	--	--	--	--	--	--	--	--	--	--
02/01/73	5050 1330	50 F	62.0F	7.7	1090					--	--	--	--	--	--	--	3.42	--	--	--
04/27/73	5050 1000	50 F	60.0F	7.8	1050					--	--	--	--	--	--	--	3.74	--	--	--
05/31/73	5101 1545			7.4	1075				279 0	--	--	--	--	--	--	--	--	--	--	--
07/26/73	5050 1230	50 F	90.0F	7.8	1050					--	--	--	--	--	--	--	3.5	--	--	--
Y6 1400.00 SANTA ANA RIVER NEAR ARLINGTON																				
10/27/72	5050 0930	5.92	68.0F	7.3	1150					--	--	--	--	--	--	--	3.7	--	--	--
11/30/72	5050 1130	60 F	64.0F	7.3	1080					--	--	--	--	--	--	--	4.7	--	--	--
12/14/72	5101			7.4	1104				281 0	--	--	--	--	--	--	--	--	--	--	--
12/30/72	5050 1130	3.94	55.0F	7.3	1080					--	--	--	--	--	--	--	3.8	--	--	--
02/01/73	5050 1140	3.67	62.0F	7.2	1050					--	--	--	--	--	--	--	4.97	--	--	--
03/01/73	5050 0920		60.0F	7.6	980					--	--	--	--	--	--	--	1.9	--	--	--
04/12/73	5050 1130	70 F	77.0F	7.7	1000					--	--	--	--	--	--	--	2.36	--	--	--
04/27/73	5050 1135	50 F	64.0F	7.6	1000					--	--	--	--	--	--	--	2.4	--	--	--
05/24/73	5050 0900		65.0F	7.3	1100					--	--	--	--	--	--	--	4.6	--	--	--
05/31/73	5101 1445			7.5	1093				295 0	--	--	--	--	--	--	--	--	--	--	--
06/29/73	5050 0830	3.98	76.0F	7.7	1120					--	--	--	--	--	--	--	1.92	--	--	--
07/26/73	5050 1030	4.05	81.0F	7.3	1020					--	--	--	--	--	--	--	4.2	--	--	--
08/29/73	5050 0930	100 F	74.0F	7.3	1000					--	--	--	--	--	--	--	5.2	--	--	--
09/28/73	5050 0945	60 F	69.0F	7.2	1100					--	--	--	--	--	--	--	4.3	--	--	--
Y7 1145.00 SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO																				
10/27/72	5050 1330	1 F	68.0F	9.5	395					--	--	--	--	--	--	--	0.24	--	--	--
02/01/73	5050 0930	1 F	46.0F	11.4	640					--	--	--	--	--	--	--	0.01	--	--	--
07/26/73	5050 0800	2 F	72.0F	8.3	530					--	--	--	--	--	--	--	0.3	--	--	--
72 1702.00 SANTA CLARA RIVER AT HWY 99																				
10/04/72	1101 0630		59.0F	8.0	1860				454 0	0.1	--	--	--	--	--	--	--	--	--	--
11/02/72	1101 0545		51.0F	8.0	1670				414 0	0.0	--	--	--	--	--	--	--	--	--	--
12/01/72	1101 0515		50.0F	8.0	1880				437 0	0.0	--	--	--	--	--	--	--	--	--	--
01/03/73	1101 0630		41.0F	8.3	1890				433 0	0.0	--	--	--	--	--	--	--	--	--	--
03/07/73	1101 0600		47.0F		1580				384 0	0.1	--	--	--	--	--	--	--	--	--	--
05/04/73	1101 0545		52.0F	8.1	1360				339 0	0.0	--	--	--	--	--	--	--	--	--	--
06/04/73	1101 0600		60.0F	8.2	1600				417 0	0.0	--	--	--	--	--	--	--	--	--	--
07/03/73	1101 0610		56.0F	7.8	1370				392 0	0.0	--	--	--	--	--	--	--	--	--	--
08/01/73	1101 0550		61.0F	8.3	1260				367 0	0.4	--	--	--	--	--	--	--	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD	LAB	NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER													
				LABORATORY PH	TURB F-CO2	CAC03 T	P	MC03 CO3	NH3	N02 N03	F U	ORG N	F (NH3 U	DIS A.H3PO4	F U	H3PO4 H3PO4	F U	TOT P	P REM
22 1702.00			SANTA CLARA RIVER AT HWY 99										CONTINUED						
09/06/73	1101		60.0F						400		--	--	--	--	--	--	--	--	
0540	1101			8.1	1420				0	0.0	8.6	--	--	--	--	--	--	--	
72 3240.00			PIRU CREEK BELOW SANTA FELICIA DAM																
07/31/73	5411								185		--	--	--	--	--	--	--	--	
				7.6	915				0	--	0.	--	--	--	--	--	--	--	
22 3375.00			PIRU LAKE NEAR PIRU																
03/20/73	5411								163		--	--	--	--	--	--	--	--	
				7.7	883				0	--	0.	--	--	--	--	--	--	--	
07/02/73	5411								174		--	--	--	--	--	--	--	--	
				7.3	922				0	--	0.	--	--	--	--	--	--	--	
07/31/73	5411								174		--	--	--	--	--	--	--	--	
				7.7	995				0	--	0.	--	--	--	--	--	--	--	
09/04/73	5411								181		--	--	--	--	--	--	--	--	
1130				7.7	1017				0	--	0.	--	--	--	--	--	--	--	
75 1020.10			MALIBU CREEK AT PACIFIC COAST HWY																
10/04/72	1101		61.0F						425		--	--	--	--	--	--	--	--	
0725	1101			8.3	2040				0	0.0	0.0	--	--	--	--	--	--	--	
11/02/72	1101		51.0F						407		--	--	--	--	--	--	--	--	
0645	1101			8.2	2140				0	0.0	1.4	--	--	--	--	--	--	--	
12/01/72	1101		48.0F						377		--	--	--	--	--	--	--	--	
0645	1101			8.3	2040				0	0.0	1.4	--	--	--	--	--	--	--	
01/03/73	1101		44.0F						367		--	--	--	--	--	--	--	--	
0730	1101			8.5	2000				19	0.0	11.5	--	--	--	--	--	--	--	
03/07/73	1101		53.0F						276		--	--	--	--	--	--	--	--	
0750	1101			8.4	935				0	0.0	1.7	--	--	--	--	--	--	--	
04/05/73	1101		55.0F						321		--	--	--	--	--	--	--	--	
0720	1101			8.3	1260				0	0.0	2.8	--	--	--	--	--	--	--	
05/04/73	1101		59.0F						376		--	--	--	--	--	--	--	--	
0730	1101			8.1	1460				0	0.0	2.0	--	--	--	--	--	--	--	
06/04/73	1101		64.0F						375		--	--	--	--	--	--	--	--	
0725	1101			8.3	1690				0	0.0	1.0	--	--	--	--	--	--	--	
07/03/73	1101		64.0F						379		--	--	--	--	--	--	--	--	
0720	1101			7.9	1840				0	0.0	2.2	--	--	--	--	--	--	--	
08/01/73	1101		65.0F						388		--	--	--	--	--	--	--	--	
0725	1101			8.2	1740				0	0.0	0.0	--	--	--	--	--	--	--	
09/06/73	1101		65.0F						393		--	--	--	--	--	--	--	--	
0700	1101			8.1	1830				0	0.0	0.0	--	--	--	--	--	--	--	
75 2150.00			TOPANGA CREEK ABOVE PACIFIC COAST HWY																
10/04/72	1101		60.0F						319		--	--	--	--	--	--	--	--	
0800	1101			8.3	1590				0	0.0	0.0	--	--	--	--	--	--	--	
11/02/72	1101		50.0F						325		--	--	--	--	--	--	--	--	
0710	1101			8.3	1680				0	0.0	0.0	--	--	--	--	--	--	--	
12/01/72	1101		49.0F						323		--	--	--	--	--	--	--	--	
0705	1101			8.3	1650				0	0.0	0.0	--	--	--	--	--	--	--	
01/03/73	1101		43.0F						322		--	--	--	--	--	--	--	--	
0800	1101			8.3	1590				0	0.0	0.0	--	--	--	--	--	--	--	
03/07/73	1101		48.0F						270		--	--	--	--	--	--	--	--	
0730	1101			8.3	1150				0	0.1	2.3	--	--	--	--	--	--	--	
04/05/73	1101		53.0F						383		--	--	--	--	--	--	--	--	
0745	1101			8.2	1420				0	0.0	7.8	--	--	--	--	--	--	--	
05/04/73	1101		56.0F						343		--	--	--	--	--	--	--	--	
0710	1101			8.2	1660				0	0.0	0.0	--	--	--	--	--	--	--	
06/04/73	1101		62.0F						318		--	--	--	--	--	--	--	--	
0705	1101			8.2	1610				0	0.0	0.0	--	--	--	--	--	--	--	
07/03/73	1101		60.0F						315		--	--	--	--	--	--	--	--	
0800	1101			8.0	1490				0	0.0	0.7	--	--	--	--	--	--	--	
08/01/73	1101		61.0F						318		--	--	--	--	--	--	--	--	
0700	1101			8.1	1380				0	0.0	0.0	--	--	--	--	--	--	--	
09/06/73	1101		62.0F						320		--	--	--	--	--	--	--	--	
0800	1101			8.3	1360				0	0.0	0.0	--	--	--	--	--	--	--	
75 3200.10			BALLONA CREEK AT LINCOLN BLVD																
10/18/72	1101		61.0F						208		--	--	--	--	--	--	--	--	
0710				8.0	40300				0	0.0	0.0	--	--	--	--	--	--	--	
12/15/72	1101		48.0F						292		--	--	--	--	--	--	--	--	
0615				7.8	17400				0	1.5	0.3	--	--	--	--	--	--	--	
01/15/73	1101		59.0F						291		--	--	--	--	--	--	--	--	
0655				7.8	21600				0	0.5	0.8	--	--	--	--	--	--	--	
02/20/73	1101		58.0F						252		--	--	--	--	--	--	--	--	
0610				8.0	32700				0	0.2	--	--	--	--	--	--	--	--	
03/21/73	1101		54.0F						164		--	--	--	--	--	--	--	--	
0540				8.1	19800				0	0.7	0.9	--	--	--	--	--	--	--	
04/19/73	1101		59.0F						284		--	--	--	--	--	--	--	--	
0700				8.1	20600				0	1.0	0.9	--	--	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT)

DATE TIME		SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P			
					LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03 T	P CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.H.P04	F H3P04 U H3P04	F TOT P U TOT P	REM			
		75	3200.10	BALLONA CREEK AT LINCOLN BLVD										CONTINUED						
06/18/73	1101		66.0F					337			--	--	--							
				7.9	17900			0	0.4	0.7	--	--	--	--	--	--	--			
07/17/73	1101		63.0F					276			--	--	--							
	0650			8.0	18500			0	0.5	1.2	--	--	--	--	--	--	--			
08/15/73	1101		71.0F					244			--	--	--							
	0700			7.4	23700			0	0.2	0.7	--	--	--	--	--	--	--			
09/20/73	1101		66.0F					283			--	--	--							
	0600			8.0	19100			0	3.9	0.0	--	--	--	--	--	--	--			
		75	3230.10	CENTINELA CREEK AT CENTINELA BLVD																
10/18/72	1101							310			--	--	--							
	1101			7.9	1620			0	0.00	0.0	--	--	--	--	--	--	--			
12/15/72	1101		43.0F					420			--	--	--							
	0630 1101			8.2	10100			0	21.7	0.0	--	--	--	--	--	--	--			
01/15/73	1101		59.0F					190			--	--	--							
	0635 1101			7.7	929			0.0	0.0	0.0	--	--	--	--	--	--	--			
02/20/73	1101		50.0F					369			--	--	--							
	0630 1101			8.0	4780			0	5.7	0.0	--	--	--	--	--	--	--			
03/21/73	1101		46.0F					257			--	--	--							
	0635 1101			8.3	4100			0	4.1	0.0	--	--	--	--	--	--	--			
04/19/73	1101		55.0F					220			--	--	--							
	0635 1101			8.9	1970			44	0.0	0.4	--	--	--	--	--	--	--			
05/18/73	1101		62.0F					225			--	--	--							
	0605 1101			8.1	1860			0	0.0	1.1	--	--	--	--	--	--	--			
06/18/73	1101		65.0F					328			--	--	--							
	0630 1101			8.1	1390			0	0.0	0.0	--	--	--	--	--	--	--			
07/17/73	1101		61.0F					521			--	--	--							
	0633 1101			8.5	9210			32	10.1	0.0	--	--	--	--	--	--	--			
08/15/73	1101		69.0F					322			--	--	--							
	0640 1101			8.2	1140			0	0.0	0.0	--	--	--	--	--	--	--			
09/20/73	1101		64.0F					305			--	--	--							
	0620 1101			8.2	2110			0	1.0	2.1	--	--	--	--	--	--	--			
		75	3250.10	BALLONA CREEK AT CENTINELA RLVD																
10/18/72	1101		60.0F					334			--	--	--							
	0645 1101			7.9	8360			0	1.1	1.1	--	--	--	--	--	--	--			
12/15/72	1101		46.0F					288			--	--	--							
	0650 1101			8.3	6370			0	1.6	0.2	--	--	--	--	--	--	--			
01/15/73	1101		59.0F					342			--	--	--							
	0620 1101			8.1	7070			0	0.8	2.0	--	--	--	--	--	--	--			
02/20/73	1101		54.0F					389			--	--	--							
	0640 1101			8.4	3040			12	0.0	4.9	--	--	--	--	--	--	--			
03/21/73	1101		49.0F					311			--	--	--							
	0625 1101			8.3	11200			0	0.6	2.7	--	--	--	--	--	--	--			
04/19/73	1101		55.0F					341			--	--	--							
	0625 1101			9.0	8490			0	0.8	1.5	--	--	--	--	--	--	--			
05/18/73	1101		63.0F					317			--	--	--							
	0550 1101			8.0	10100			0	0.0	1.9	--	--	--	--	--	--	--			
06/18/73	1101		65.0F					334			--	--	--							
	0620 1101			8.2	6020			0	0.0	1.0	--	--	--	--	--	--	--			
07/17/73	1101		61.0F					317			--	--	--							
	0620 1101			8.2	6300			0	0.0	1.8	--	--	--	--	--	--	--			
08/15/73	1101		69.0F					266			--	--	--							
	0630 1101			8.0	11000			0	0.0	1.1	--	--	--	--	--	--	--			
09/20/73	1101		64.0F					301			--	--	--							
	0700 1101			7.9	10200			0	0.8	2.8	--	--	--	--	--	--	--			
		75	3300.00	BALLONA CREEK NR CULVER CITY (AT SAWTELLE RLVD)																
10/18/72	1101		60.0F					393			--	--	--							
	0630 1101			8.0	2670			0	2.9	1.8	--	--	--	--	--	--	--			
12/15/72	1101		50.0F					256			--	--	--							
	0710 1101			8.4	1460			8	3.0	0.0	--	--	--	--	--	--	--			
01/15/73	1101		61.0F					324			--	--	--							
	0610 1101			8.4	1990			10	1.2	2.8	--	--	--	--	--	--	--			
02/20/73	1101		53.0F					374			--	--	--							
	0655 1101			8.3	3130			0	0.7	3.2	--	--	--	--	--	--	--			
03/21/73	1101		51.0F					370			--	--	--							
	0610 1101			8.3	2100			0	1.1	4.3	--	--	--	--	--	--	--			
04/19/73	1101		56.0F					351			--	--	--							
	0610 1101			8.6	2670			30	1.8	2.3	--	--	--	--	--	--	--			
05/18/73	1101		62.0F					376			--	--	--							
	0715 1101			8.1	2500			0	4.1	3.6	--	--	--	--	--	--	--			
06/18/73	1101		63.0F					392			--	--	--							
	0600 1101			8.2	2170			0	0.0	2.3	--	--	--	--	--	--	--			
07/17/73	1101		62.5F					317			--	--	--							
	0605 1101			8.3	2420			0	1.7	2.3	--	--	--	--	--	--	--			

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME		SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P		
							TURB F-CO2	CAC03 T	CAC03 P	HC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.M.P04	F H3PO4 U H3PO4	F TOT P U TOT P	REM	
25 3300.00 BALLONA CREEK NR CULVER CITY (AT SAWTELLE BLVD) CONTINUED																			
08/15/73	1101			69.0F					311		--	--	--	--	--	--	--	--	
0620	1101				8.1	3860			0	2.9	2.1	--	--	--	--	--	--	--	
09/20/73	1101			64.0F					339		--	--	--	--	--	--	--	--	
0710	1101				8.2	2790			0	0.5	3.8	--	--	--	--	--	--	--	
75 3400.00 BALLONA CREEK AT CURSON ST																			
10/18/72	1101			64.0F					299		--	--	--	--	--	--	--	--	
0750	1101				8.6	1700			27	1.9	3.1	--	--	--	--	--	--	--	
12/15/72	1101			46.0F					347		--	--	--	--	--	--	--	--	
0730	1101				8.0	1420			0	4.3	0.5	--	--	--	--	--	--	--	
01/15/73	1101			59.0F					324		--	--	--	--	--	--	--	--	
0735	1101				8.4	1110			22	0.0	2.3	--	--	--	--	--	--	--	
02/20/73	1101			56.0F					429		--	--	--	--	--	--	--	--	
0710	1101				8.4	1430			16	0.0	1.9	--	--	--	--	--	--	--	
03/21/73	1101			53.0F					346		--	--	--	--	--	--	--	--	
0715	1101				8.3	1250			0	0.5	4.5	--	--	--	--	--	--	--	
04/19/73	1101			61.0F					237		--	--	--	--	--	--	--	--	
0725	1101				8.9	1320			48	0.0	2.5	--	--	--	--	--	--	--	
05/18/73	1101			62.0F					259		--	--	--	--	--	--	--	--	
0755	1101				8.3	1150			0	0.7	4.5	--	--	--	--	--	--	--	
06/18/73	1101			65.0F					315		--	--	--	--	--	--	--	--	
0730	1101				8.7	1100			0	0.2	1.6	--	--	--	--	--	--	--	
07/17/73	1101			65.5F					242		--	--	--	--	--	--	--	--	
0720	1101				8.7	1640			27	0.0	1.5	--	--	--	--	--	--	--	
08/15/73	1101			69.0F					453		--	--	--	--	--	--	--	--	
0545	1101				8.2	1250			0	0.0	1.4	--	--	--	--	--	--	--	
09/20/73	1101			65.0F					436		--	--	--	--	--	--	--	--	
0745	1101				8.2	1130			0	4.9	0.0	--	--	--	--	--	--	--	
76 1120.10 LOS ANGELES RIVER AT WILLOW STREET																			
10/04/72	1101			63.0F					280		--	--	--	--	--	--	--	--	
0620	1101				8.5	1450			0	0.0	2.5	--	--	--	--	--	--	--	
11/02/72	1101			52.0F					313		--	--	--	--	--	--	--	--	
0635	1101				8.3	1430			0	0.0	2.7	--	--	--	--	--	--	--	
12/01/72	1101			47.0F					255		--	--	--	--	--	--	--	--	
0720	1101				8.0	1370			0	0.5	4.8	--	--	--	--	--	--	--	
01/03/73	1101			45.0F					260		--	--	--	--	--	--	--	--	
0700	1101				8.4	1440			6	1.5	5.2	--	--	--	--	--	--	--	
03/07/73	1101			51.0F					81		--	--	--	--	--	--	--	--	
0545	1101				7.7	306			0	0.0	1.8	--	--	--	--	--	--	--	
04/05/73	1101			51.0F					153		--	--	--	--	--	--	--	--	
0640	1101				9.0	1410			35	0.0	1.4	--	--	--	--	--	--	--	
05/04/73	1101			63.0F					130		--	--	--	--	--	--	--	--	
0700	1101				9.0	1300			58	0.0	0.6	--	--	--	--	--	--	--	
06/04/73	1101			65.0F					150		--	--	--	--	--	--	--	--	
0555	1101				9.0	1210			43	0.0	1.9	--	--	--	--	--	--	--	
07/03/73	1101			68.5F					217		--	--	--	--	--	--	--	--	
0630	1101				8.6	1320			24	0.0	1.3	--	--	--	--	--	--	--	
09/01/73	1101			70.0F					256		--	--	--	--	--	--	--	--	
0645	1101				8.4	1340			5	0.1	1.1	--	--	--	--	--	--	--	
09/06/73	1101			64.0F					263		--	--	--	--	--	--	--	--	
0545	1101				8.2	1330			0	0.0	1.4	--	--	--	--	--	--	--	
76 1250.00 LOS ANGELES RIVER AT FIRESTONE ALVD																			
10/04/72	1101			60.0F					302		--	--	--	--	--	--	--	--	
0700	1101				8.2	1400			0	0.8	4.3	--	--	--	--	--	--	--	
11/02/72	1101			50.0F					281		--	--	--	--	--	--	--	--	
0705	1101				8.1	1480			0	0.2	4.8	--	--	--	--	--	--	--	
12/01/72	1101			49.0F					260		--	--	--	--	--	--	--	--	
0620	1101				7.8	1420			0	1.9	5.1	--	--	--	--	--	--	--	
01/03/73	1101			46.0F					264		--	--	--	--	--	--	--	--	
0735	1101				8.3	1410			11	3.6	4.9	--	--	--	--	--	--	--	
04/05/73	1101								194		--	--	--	--	--	--	--	--	
0715	1101				8.6	1470			32	0.0	1.5	--	--	--	--	--	--	--	
05/04/73	1101								296		--	--	--	--	--	--	--	--	
0600	1101				7.9	1340			0	0.0	1.5	--	--	--	--	--	--	--	
06/04/73	1101								214		--	--	--	--	--	--	--	--	
0625	1101				7.9	1460			0	0.0	2.1	--	--	--	--	--	--	--	
07/03/73	1101			69.5F					236		--	--	--	--	--	--	--	--	
0705	1101				8.3	1320			9	1.0	2.9	--	--	--	--	--	--	--	
08/01/73	1101			72.0F					227		--	--	--	--	--	--	--	--	
0600	1101				8.4	1290			15	0.6	1.6	--	--	--	--	--	--	--	
09/06/73	1101			66.0F					190		--	--	--	--	--	--	--	--	
0615	1101				8.0	1580			0	1.4	2.7	--	--	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT)

NUTRIENT ANALYSIS OF SURFACE WATER																					
DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD		FIELD					LAB		NUTRIENT		CONSTITUENTS IN MILLIGRAMS				PER LITER		F TOT P U TOT P REM
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.M.P04	F H3P04 U H3P04						
76 1259.10 LOS ANGELES RIVER AT DOWNEY RD																					
10/04/72	1101		60.0F						292		--	--	--	--	--	--	--	--	--		
0740	1101			8.1	1490				0	1.4	4.2	--	--	--	--	--	--	--	--		
11/02/72	1101		51.0F						279		--	--	--	--	--	--	--	--	--		
0725	1101			8.1	1500				0	0.0	4.7	--	--	--	--	--	--	--	--		
12/01/72	1101		48.0F						239		--	--	--	--	--	--	--	--	--		
0830	1101			8.4	1510				15	2.9	5.5	--	--	--	--	--	--	--	--		
01/03/73	1101		45.0F						259		--	--	--	--	--	--	--	--	--		
	1101			8.1	1420				0	4.1	5.2	--	--	--	--	--	--	--	--		
03/07/73	1101		50.0F						100		--	--	--	--	--	--	--	--	--		
0645	1101			8.1	545				0	0.3	2.3	--	--	--	--	--	--	--	--		
04/05/73	1101		52.0F						265		--	--	--	--	--	--	--	--	--		
0610	1101			8.4	1500				7	0.0	3.4	--	--	--	--	--	--	--	--		
05/04/73	1101		61.0F						290		--	--	--	--	--	--	--	--	--		
0800	1101			8.3	1420				0	0.0	2.4	--	--	--	--	--	--	--	--		
06/04/73	1101		66.0F						304		--	--	--	--	--	--	--	--	--		
0705	1101			8.0	1410				0	0.3	3.5	--	--	--	--	--	--	--	--		
07/03/73	1101		69.0F						251		--	--	--	--	--	--	--	--	--		
0555	1101			8.0	1350				0	1.2	2.9	--	--	--	--	--	--	--	--		
08/01/73	1101		72.0F						229		--	--	--	--	--	--	--	--	--		
	1101			8.5	1330				11	0.1	1.9	--	--	--	--	--	--	--	--		
09/06/73	1101		65.0F						300		--	--	--	--	--	--	--	--	--		
0645	1101			8.1	3650				0	2.9	0.1	--	--	--	--	--	--	--	--		
76 1272.10 LOS ANGELES RIVER AT SIXTH STREET																					
10/04/72	1101		63.0F						288		--	--	--	--	--	--	--	--	--		
0630	1101			7.8	1470				0	1.5	4.5	--	--	--	--	--	--	--	--		
11/02/72	1101		54.0F						279		--	--	--	--	--	--	--	--	--		
0730	1101			8.2	1600				0	0.0	4.4	--	--	--	--	--	--	--	--		
12/01/72	1101		52.0F						277		--	--	--	--	--	--	--	--	--		
0635	1101			7.9	1440				0	0.6	5.2	--	--	--	--	--	--	--	--		
01/03/73	1101		48.0F						268		--	--	--	--	--	--	--	--	--		
0800	1101			8.2	1410				0	0.0	0.0	--	--	--	--	--	--	--	--		
03/07/73	1101		53.0F						76		--	--	--	--	--	--	--	--	--		
0735	1101			7.8	357				0	0.0	1.7	--	--	--	--	--	--	--	--		
04/05/73	1101		50.0F						284		--	--	--	--	--	--	--	--	--		
0615	1101			8.3	1480				0	0.0	3.4	--	--	--	--	--	--	--	--		
05/04/73	1101		61.0F						279		--	--	--	--	--	--	--	--	--		
0700	1101			7.9	1470				0	0.6	2.3	--	--	--	--	--	--	--	--		
06/04/73	1101		62.0F						298		--	--	--	--	--	--	--	--	--		
0625	1101			7.9	1370				0	0.2	7.8	--	--	--	--	--	--	--	--		
07/03/73	1101		69.0F						245		--	--	--	--	--	--	--	--	--		
0715	1101			8.2	1220				11	0.9	2.7	--	--	--	--	--	--	--	--		
08/01/73	1101		70.0F						241		--	--	--	--	--	--	--	--	--		
0740	1101			8.3	1240				0	0.5	2.2	--	--	--	--	--	--	--	--		
09/06/73	1101		62.0F						291		--	--	--	--	--	--	--	--	--		
0730	1101			7.9	1440				11	1.4	4.5	--	--	--	--	--	--	--	--		
76 1316.10 LOS ANGELES RIVER AT LOS FELIZ BLVD																					
10/04/72	1101		63.0F						262		--	--	--	--	--	--	--	--	--		
0515	1101			8.0	1170				0	1.2	6.2	--	--	--	--	--	--	--	--		
11/02/72	1101		50.0F						244		--	--	--	--	--	--	--	--	--		
0700	1101			8.1	1210				0	1.5	4.9	--	--	--	--	--	--	--	--		
12/01/72	1101		47.0F						188		--	--	--	--	--	--	--	--	--		
0530	1101			7.8	1240				0	7.8	8.4	--	--	--	--	--	--	--	--		
01/03/73	1101		50.0F						230		--	--	--	--	--	--	--	--	--		
0700	1101			8.1	1130				0	7.1	4.2	--	--	--	--	--	--	--	--		
03/07/73	1101		52.0F						87		--	--	--	--	--	--	--	--	--		
0710	1101			7.8	490				0	0.3	2.3	--	--	--	--	--	--	--	--		
04/05/73	1101		48.0F						210		--	--	--	--	--	--	--	--	--		
0520	1101			8.1	1380				0	1.6	4.2	--	--	--	--	--	--	--	--		
05/04/73	1101		58.0F						226		--	--	--	--	--	--	--	--	--		
0730	1101			8.1	1290				0	0.6	4.9	--	--	--	--	--	--	--	--		
06/04/73	1101		62.0F						270		--	--	--	--	--	--	--	--	--		
0530	1101			8.2	1150				11	5.6	6.9	--	--	--	--	--	--	--	--		
07/03/73	1101		66.0F						232		--	--	--	--	--	--	--	--	--		
0630	1101			7.9	1160				0	0.9	3.9	--	--	--	--	--	--	--	--		
08/01/73	1101		70.0F						216		--	--	--	--	--	--	--	--	--		
0730	1101			8.2	1130				0	0.9	3.6	--	--	--	--	--	--	--	--		
09/06/73	1101		60.0F						265		--	--	--	--	--	--	--	--	--		
0630	1101			8.0	1080				0	0.9	6.3	--	--	--	--	--	--	--	--		

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																								
DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		FIELD				LAB				NUTRIENT				CONSTITUENTS IN MILLIGRAMS				PER LITER		F TOT P U TOT P REM
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3) U ORG N	DIS A.M.P04	F H3P04 U H3P04									
76 1365.00 LOS ANGELES RIVER AT TUJUNGA AVE																								
10/04/72	1101		59.0F						317		--	--	--			--								
0540	1101			8.2	1130				0	0.0	1.1	--	--	--		--	--							
11/02/72	1101		45.0F						286		--	--	--			--	--							
0640	1101			8.2	1450				0	0.0	1.9	--	--	--		--	--							
12/01/72	1101		45.0F						336		--	--	--			--	--							
0605	1101			8.2	1460				0	0.0	2.6	--	--	--		--	--							
01/03/73	1101		48.0F						265		--	--	--			--	--							
0700	1101			8.4	1230				9	0.0	3.2	--	--	--		--	--							
03/07/73	1101		50.0F						120		--	--	--			--	--							
0645	1101			8.1	614				0	0.0	1.6	--	--	--		--	--							
04/05/73	1101		48.0F						279		--	--	--			--	--							
0550	1101			8.2	1670				0	0.0	2.7	--	--	--		--	--							
05/04/73	1101		61.0F						243		--	--	--			--	--							
0800	1101			8.1	1470				0	0.0	1.7	--	--	--		--	--							
06/04/73	1101								296		--	--	--			--	--							
0600	1101			8.1	1420				0	0.0	2.4	--	--	--		--	--							
07/03/73	1101		65.0F						262		--	--	--			--	--							
0540	1101			7.8	1190				0	0.0	1.4	--	--	--		--	--							
08/01/73	1101		67.0F						260		--	--	--			--	--							
0710	1101			8.1	1100				0	0.1	0.	--	--	--		--	--							
09/06/73	1101		60.0F						299		--	--	--			--	--							
0600	1101			8.2	1160				0	0.2	2.4	--	--	--		--	--							
76 3025.10 DOMINGUEZ CHANNFL AT ANAHEIM ST																								
10/04/72	1101		67.0F						146		--	--	--			--	--							
0712	1101			7.9	51700				0	0.1	0.0	--	--	--		--	--							
11/02/72	1101		61.0F						144		--	--	--			--	--							
0700	1101			7.8	52400				0	0.0	0.0	--	--	--		--	--							
12/01/72	1101		59.0F						142		--	--	--			--	--							
0630	1101			7.9	52200				0	0.1	0.0	--	--	--		--	--							
01/03/73	1101		55.0F						144		--	--	--			--	--							
0615	1101			8.0	51100				0	0.2	0.0	--	--	--		--	--							
03/07/73	1101		54.0F						146		--	--	--			--	--							
0630	1101			8.1	47200				0	0.1	0.0	--	--	--		--	--							
04/05/73	1101		60.0F						142		--	--	--			--	--							
0600	1101			7.9	50100				0	0.0	0.0	--	--	--		--	--							
06/04/73	1101		65.0F						155		--	--	--			--	--							
0600	1101			7.9	47900				0	0.1	0.0	--	--	--		--	--							
07/02/73	1101		65.0F						144		--	--	--			--	--							
	1101			7.7	51800				0	0.1	0.0	--	--	--		--	--							
09/06/73	1101		67.0F						160		--	--	--			--	--							
	1101			8.2	45100				0	0.1	0.0	--	--	--		--	--							
76 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE.																								
10/04/72	1101		69.0F						169		--	--	--			--	--							
0655	1101			8.2	45500				0	0.1	0.0	--	--	--		--	--							
11/02/72	1101		61.0F						156		--	--	--			--	--							
0640	1101			8.2	46700				0	0.0	0.0	--	--	--		--	--							
12/01/72	1101		57.0F						196		--	--	--			--	--							
0700	1101			8.4	39400				7	0.0	0.0	--	--	--		--	--							
01/03/73	1101		54.0F						169		--	--	--			--	--							
0650	1101			8.3	47200				0	0.0	0.0	--	--	--		--	--							
03/07/73	1101		58.0F						82		--	--	--			--	--							
0645	1101			8.4	21600				7	0.0	0.0	--	--	--		--	--							
04/05/73	1101		60.0F						155		--	--	--			--	--							
0630	1101			7.8	41700				0	0.0	0.0	--	--	--		--	--							
05/04/73	1101		59.0F						169		--	--	--			--	--							
0740	1101			8.0	42900				0	0.0	0.0	--	--	--		--	--							
06/04/73	1101		66.0F						172		--	--	--			--	--							
0545	1101			8.0	42400				0	0.0	0.0	--	--	--		--	--							
07/02/73	1101								164		--	--	--			--	--							
				8.0	45500				0	0.0	0.0	--	--	--		--	--							
08/01/73	1101								160		--	--	--			--	--							
				8.4	40000				6	0.0	0.0	--	--	--		--	--							
09/06/73	1101								169		--	--	--			--	--							
				8.2	41300				0	0.0	0.0	--	--	--		--	--							
76 3127.10 DOMINGUEZ CHANNEL 1000 FT.ABOVE VERMONT AVE.																								
10/04/72	1101		63.0F						272		--	--	--			--	--							
0625	1101			8.0	1730				0	0.0	0.0	--	--	--		--	--							
11/02/72	1101		52.0F						217		--	--	--			--	--							
0615	1101			8.2	4620				0	0.0	0.7	--	--	--		--	--							
12/01/72	1101		48.0F						215		--	--	--			--	--							
0730	1101			7.9	1970				0	0.0	1.7	--	--	--		--	--							
01/03/73	1101		46.0F						223		--	--	--			--	--							
0740	1101			8.2	6670				0	0.0	1.6	--	--	--		--	--							

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME		SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE WATER				NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				F TOT P		
							TURB	CaCO3 P	CaCO3 T	HC03 CO3	NH3	N02	F ORG N	F (NH3 + U ORG N)	DIS	F H3PO4	F TOT P
26 3127.10 DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE. CONTINUED																	
03/07/73 1101 0730			52.0F	7.3	288			43	0	0.0	0.9	--	--	--	--	--	
04/05/73 1101 0715			50.0F	8.2	1380			233	0	0.0	0.5	--	--	--	--	--	
05/04/73 1101 0815			59.0F	8.1	1690			260	0	0.0	0.0	--	--	--	--	--	
06/04/73 1101 0520			62.0F	8.3	1410			310	0	0.0	0.0	--	--	--	--	--	
07/02/73 1101			68.0F	9.1	1350			115	41	0.0	0.0	--	--	--	--	--	
08/01/73 1101 0850			74.0F	8.6	1080			216	15	0.0	0.0	--	--	--	--	--	
09/06/73 1101 1101			67.0F	8.6	1040			159	26	0.0	0.3	--	--	--	--	--	
26 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE.																	
10/04/72 1101 0640			69.0F	8.0	24400			219	0	0.2	0.0	--	--	--	--	--	
11/02/72 1101 0605			55.0F	8.2	26800			168	0	0.0	0.0	--	--	--	--	--	
12/01/72 1101 0715			50.0F	8.0	17000			182	0	0.0	0.9	--	--	--	--	--	
01/03/73 1101 0720			50.0F	8.3	22400			196	0	0.0	1.3	--	--	--	--	--	
03/07/73 1101 0715				7.4	3550			113	0	0.1	0.9	--	--	--	--	--	
04/05/73 1101 0715			52.0F	8.1	8100			228	0	0.0	0.6	--	--	--	--	--	
05/04/73 1101 0805			58.0F	8.0	6540			251	0	0.0	0.0	--	--	--	--	--	
06/04/73 1101 0525			64.0F	7.6	34100			210	0	0.4	0.0	--	--	--	--	--	
07/02/73 1101				7.9	34500			187	0	0.0	0.0	--	--	--	--	--	
08/01/73 1101 0845			72.0F	8.0	47600			150	0	0.2	0.0	--	--	--	--	--	
09/06/73 1101			70.0F	8.0	37600			185	0	0.2	0.0	--	--	--	--	--	
26 9745.10 RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS																	
10/18/72 1101 0700			63.0F	8.0	1060			299	0	11.0	1.7	--	--	--	--	--	
12/15/72 1101 1101			46.0F	7.9	1190			179	0	1.3	0.2	--	--	--	--	--	
01/15/73 1101 0700			58.0F	8.1	1180			172	0	0.5	2.2	--	--	--	--	--	
02/20/73 1101 1101			55.0F	7.7	276			90	0	0.0	2.2	--	--	--	--	--	
03/21/73 1101 0600			53.0F	8.0	491			133	0	0.0	0.09	--	--	--	--	--	
04/19/73 1101 1101			60.0F	8.3	750			198	0	0.0	1.2	--	--	--	--	--	
05/18/73 1101 1101			65.0F	8.1	1160			171	0	0.4	2.9	--	--	--	--	--	
06/18/73 1101 0600			65.5F	7.9	1120			180	0	0.2	2.1	--	--	--	--	--	
07/17/73 1101 1101			61.0F	8.6	1090			101	17	0.0	2.5	--	--	--	--	--	
08/15/73 1101 1101			72.0F	7.9	1100			161	0	0.0	2.7	--	--	--	--	--	
09/17/73 1101 0820			70.0F	8.0	931			185	0	0.0	2.2	--	--	--	--	--	
27 5126.10 RIO HONDO RIVER AT POMONA FWY																	
10/18/72 1101 0630			60.0F	8.0	882			258	0	0.5	2.7	--	--	--	--	--	
12/15/72 1101 0600			45.0F	8.3	1210			210	0	0.0	0.1	--	--	--	--	--	
01/15/73 1101 0630			58.0F	8.1	1270			241	0	0.0	1.8	--	--	--	--	--	
02/20/73 1101 0600			50.0F	7.7	241			86	0	0.2	2.1	--	--	--	--	--	
03/21/73 1101 0515			47.0F	7.9	482			196	0	0.0	1.4	--	--	--	--	--	
04/19/73 1101 0615			59.0F	7.7	992			242	0	0.0	1.5	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																			
DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD LABORATORY		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P			
				PH	EC	TURB F-CO2	CAC03 CAC03	P T	MC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.H. <sub>2</sub> PO4	F H3PO4 U H3PO4	F TOT U TOT	P P	REM	
27 5126.10 RIO MONDO RIVER AT POMONA FWY CONTINUED																			
05/18/73	1101		65.0F						237		0.18	--	--		--	--			
	1101				1210				0	0.2	1.1	0.75	0.95	--	--	--	--	--	
06/18/73	1101		65.0F						182		0.01	--	--		--	--			
0515	1101			7.9	1020				0	0.0	0.0	0.92	0.92	--	--	--	--	--	
08/15/73	1101		70.0F						238		0.05	--	--		--	--			
0600	1101			8.0	1160				0	0.	1.0	0.	0.0	--	--	--	--	--	
09/20/73	1101		65.0F						251		0.11	--	--		--	--			
0640	1101			7.9	1210				0	0.2	1.7	0.	0.2	--	--	--	--	--	
27 7050.00 SAN JOSE CREEK AT WORKMAN MILL RD																			
03/21/73	1101		47.0F						323		0.11	--	--		--	--			
0800	1101			8.1	1140				0	17.1	2.3	1.78	18.88	--	--	--	--	--	
04/19/73	1101								329		0.17	--	--		--	--			
	1101			8.3	1180				0	13.8	2.5	2.34	16.14	--	--	--	--	--	
05/18/73	1101		62.0F						324		0.33	--	--		--	--			
0805	1101			8.2	1190				0	13.0	3.6	2.06	15.06	--	--	--	--	--	
06/18/73	1101		66.0F						346		0.22	--	--		--	--			
0845	1101			8.2	1090				0	11.0	4.8	0.40	11.4	--	--	--	--	--	
07/17/73	1101		64.0F						309		0.60	--	--		--	--			
0700	1101			8.2	1100				0	8.8	3.1	1.53	10.33	--	--	--	--	--	
08/15/73	1101		66.0F						326		0.38	--	--		--	--			
0735	1101			8.1	1240				0	10.2	2.3	2.55	12.75	--	--	--	--	--	
09/20/73	1101		66.0F						250		0.44	--	--		--	--			
1035	1101			7.9	1080				0	3.3	6.5	0.0	3.3	--	--	--	--	--	
28 1060.10 SAN GABRIEL RIVER AT PACIFIC COAST HWY																			
10/18/72	1101		77.0F						140		--	--	--		--	--			
0730	1101			7.9	50000				0	0.0	0.	--	--	--	--	--	--	--	
12/15/72	1101		73.0F						151		--	--	--		--	--			
0640	1101			8.0	50000				0	0.1	0.	--	--	--	--	--	--	--	
01/15/73	1101		72.0F						139		--	--	--		--	--			
0610	1101			8.1	51500				0	0.0	0.	--	--	--	--	--	--	--	
02/20/73	1101		72.0F						139		--	--	--		--	--			
0730	1101			7.8	48900				0	0.2	0.	--	--	--	--	--	--	--	
03/21/73	1101		72.0F						150		--	--	--		--	--			
0700	1101			7.9	48700				0	0.0	0.0	--	--	--	--	--	--	--	
04/19/73	1101		71.0F						133		--	--	--		--	--			
0645	1101			7.2	48700				0	0.0	0.0	--	--	--	--	--	--	--	
05/18/73	1101								149		--	--	--		--	--			
0800	1101			8.0	50500				0	0.0	0.0	--	--	--	--	--	--	--	
06/18/73	1101		77.0F						148		--	--	--		--	--			
0700	1101			7.9	45500				0	0.1	0.0	--	--	--	--	--	--	--	
07/17/73	1101		82.0F						137		--	--	--		--	--			
0615	1101			8.0	50500				0	0.0	0.0	--	--	--	--	--	--	--	
08/15/73	1101		78.0F						151		--	--	--		--	--			
0700	1101			8.0	51000				0	0.0	0.0	--	--	--	--	--	--	--	
09/20/73	1101		75.0F						144		--	--	--		--	--			
0700	1101			8.0	50500				0	0.1	0.0	--	--	--	--	--	--	--	
28 1165.10 COYOTE CREEK AT WILLOW STREET																			
10/04/72	1101		63.0F								--	--	--		--	--			
0610	1101			7.8	1660					0.0	2.4	--	--	--	--	--	--	--	
10/18/72	1101		63.0F						277		--	--	--		--	--			
	1101			8.1	2250				0	0.1	1.8	--	--	--	--	--	--	--	
12/15/72	1101		41.0F						382		--	--	--		--	--			
0615	1101			8.3	2300				0	0.3	0.2	--	--	--	--	--	--	--	
01/15/73	1101		55.0F						372		0.35	--	--		--	--			
0625	1101			8.2	2380				0	0.0	5.7	--	--	--	--	--	--	--	
02/06/73	1101		54.0F								0.178	--	--		--	--			
0600	1101			7.8	193					0.9	1.9	--	--	--	--	--	--	--	
02/20/73	1101		53.0F						427		0.29	--	--		--	--			
0650	1101			8.2	2710				0	0.2	10.3	2.70	2.9	--	--	--	--	--	
03/21/73	1101		49.0F						172		0.17	--	--		--	--			
0615	1101			8.1	979				0	0.9	4.7	1.78	2.68	--	--	--	--	--	
04/19/73	1101		55.0F						297		0.21	--	--		--	--			
0615	1101			8.1	2600				0	0.0	6.7	2.09	3.09	--	--	--	--	--	
05/18/73	1101		65.0F						353		1.10	--	--		--	--			
0620	1101			8.3	2360				0	4.9	5.4	0.56	5.46	--	--	--	--	--	
06/18/73	1101		63.0F						338		0.675	--	--		--	--			
0630	1101			8.0	2540				0	0.2	6.4	1.53	1.73	--	--	--	--	--	
07/17/73	1101		71.0F						285		0.74	--	--		--	--			
0700	1101			8.0	1950				0	0.6	0.5	0.61	1.21	--	--	--	--	--	
08/15/73	1101		68.0F						265		0.74	--	--		--	--			
0615	1101			8.0	1910				0	0.0	4.7	0.71	0.71	--	--	--	--	--	
09/20/73	1101		69.0F						335		0.56	--	--		--	--			
0615	1101			8.1	2150				0	6.0	6.7	1.44	7.44	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																			
DATE TIME	SAM. LAB	G.M. DISCH.	TEMP DEPTH	FIELD		LAB					NUTRIENT		CONSTITUENTS IN MILLIGRAMS			PER LITER		F TOT U TOT	P P REM
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	N02 N03	F ORG U ORG	N N	F (NH3 + U ORG N)	DIS A.H.P04	F H3P04 U H3P04			
7R 1225.10 SAN GABRIEL RIVER AT WILLOW STREET																			
10/04/72	1101		75.0F								--	--	--			--	--		
0600	1101			7.6	1340					15.5	7.5	1.8	17.3	--	--	--	--		
10/18/72	1101		77.0F					331			--	--	--			--	--		
0615	1101			8.2	1310			0	8.8		3.4	1.3	10.1	--	--	--	--		
12/15/72	1101		60.0F					348			--	--	--			--	--		
0600	1101			8.0	1430			0	25.7		0.1	1.78	27.48	--	--	--	--		
01/15/73	1101		64.0F					289			--	--	--			--	--		
0615	1101			8.2	1550			0	25.2		2.3	--	--	--	--	--	--		
02/06/73	1101		59.0F								--	--	--			--	--		
0615	1101			7.6	485				6.9		4.8	--	--	--	--	--	--		
02/20/73	1101		64.0F					325			--	--	--			--	--		
0640	1101			8.0	1610			0	13.3		4.1	1.78	15.08	--	--	--	--		
03/21/73	1101		59.0F					310			--	--	--			--	--		
0600	1101			7.9	1300			0	13.9		1.1	2.16	16.06	--	--	--	--		
04/19/73	1101		65.0F					329			0.06	--	--			--	--		
0600	1101			7.9	1600			0	16.7		0.7	2.30	19.0	--	--	--	--		
05/18/73	1101		70.0F					319			0.075	--	--			--	--		
0600	1101			8.3	1400			0	15.2		0.8	1.69	16.89	--	--	--	--		
06/18/73	1101		66.0F					257			0.75	--	--			--	--		
0610	1101			8.0	1370			0	11.2		5.3	0.82	12.02	--	--	--	--		
07/17/73	1101		73.0F					298			0.42	--	--			--	--		
0650	1101			8.1	1360			0	9.6		4.5	2.35	11.95	--	--	--	--		
08/15/73	1101		67.0F					313			0.15	--	--			--	--		
0600	1101			8.2	1570			0	11.1		1.2	1.12	12.22	--	--	--	--		
09/20/73	1101		73.0F					311			0.05	--	--			--	--		
0610	1101			8.1	1380			0	17.4		1.2	1.34	18.74	--	--	--	--		
7R 1276.10 COYOTE CREEK AT DEL AMO BLVD																			
10/18/72	1101		56.0F					19			--	--	--			--	--		
1101				10.0	2050			72	0.2		1.4	--	--	--	--	--	--		
12/15/72	1101		48.0F					253			--	--	--			--	--		
0715	1101			8.7	2040			35	0.2		0.8	--	--	--	--	--	--		
01/15/73	1101		54.0F					283			--	--	--			--	--		
0600	1101			8.4	2200			10	0.0		5.4	--	--	--	--	--	--		
02/20/73	1101		52.0F					545			--	--	--			--	--		
0555	1101			8.2	2820			0	2.2		13.0	--	--	--	--	--	--		
03/21/73	1101		48.0F					167			--	--	--			--	--		
0620	1101			8.2	1010			0	2.6		1.8	--	--	--	--	--	--		
04/19/73	1101		55.0F					356			--	--	--			--	--		
0600	1101			8.1	3130			0	0.0		9.9	--	--	--	--	--	--		
05/18/73	1101		60.0F					482			--	--	--			--	--		
0600	1101			8.3	3720			0	0.0		8.9	--	--	--	--	--	--		
06/18/73	1101		72.0F					320			--	--	--			--	--		
0950	1101			8.5	2390			31	0.0		4.8	--	--	--	--	--	--		
07/17/73	1101		67.0F					332			--	--	--			--	--		
0945	1101			8.2	2480			0	2.9		4.6	--	--	--	--	--	--		
08/15/73	1101		67.0F					379			--	--	--			--	--		
0600	1101			8.2	2840			0	0.2		5.1	--	--	--	--	--	--		
09/20/73	1101		66.0F					354			--	--	--			--	--		
0920	1101			8.2	2150			0	0.7		7.5	--	--	--	--	--	--		
7R 1326.10 COYOTE CREEK AT VALLEY VIEW AVE																			
10/18/72	1101		59.0F					12			--	--	--			--	--		
1101				9.7	891			43	0.0		0.0	--	--	--	--	--	--		
12/28/72	1101		49.0F					231			--	--	--			--	--		
0730	1101			8.5	1970			16	0.0		0.7	--	--	--	--	--	--		
01/15/73	1101		54.0F					42	0.0		1.4	--	--	--	--	--	--		
0630	1101			9.4	1280						--	--	--	--	--	--	--		
02/20/73	1101		50.0F					353			--	--	--			--	--		
0620	1101			8.2	2000			0	0.0		0.5	--	--	--	--	--	--		
03/21/73	1101		46.0F					210			--	--	--			--	--		
0640	1101			8.2	870			0	0.0		2.9	--	--	--	--	--	--		
04/19/73	1101		54.0F					261			--	--	--			--	--		
0630	1101			8.0	1920			0	0.0		16.1	--	--	--	--	--	--		
05/18/73	1101		61.0F					289			--	--	--			--	--		
0625	1101			8.3	1520			0	0.5		8.8	--	--	--	--	--	--		
06/18/73	1101		70.0F					213			--	--	--			--	--		
0920	1101			8.5	1710			17	--		7.6	--	--	--	--	--	--		
07/17/73	1101		64.0F					268			--	--	--			--	--		
0610	1101			8.2	1500			0	0.4		7.8	--	--	--	--	--	--		
08/15/73	1101		66.0F					285			--	--	--			--	--		
0625	1101			8.2	1470			0	0.4		10.9	--	--	--	--	--	--		
09/20/73	1101		66.0F					227			--	--	--			--	--		
0945	1101			8.4	1560			27	0.5		13.1	--	--	--	--	--	--		

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	EC	NUTRIENT ANALYSIS, OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					PER LITER		
						TURB	CAC03	P	HC03	NH3	N02	F ORG N	F (NH3 +	DIS	F H3PO4	F TOT P	U TOT P	REM
						F-C02	CAC03	T	C03		N03	U ORG N	U ORG N	A.M.P04	U H3PO4	U TOT P		
7A 1427.10 COYOTE CREEK NORTH FORK AT LEFFINGWELL RD																		
10/18/72	1101		55.0F						207									
	1101			8.7	1520				28	0.0	4.8	--	--	--	--	--	--	
12/15/72	1101		43.0F						361									
0750	1101			8.1	2030				0	0.0	0.2	--	--	--	--	--	--	
01/15/73	1101		52.0F						321									
0700	1101			8.2	1750				0	0.0	7.5	--	--	--	--	--	--	
02/20/73	1101		53.0F						365									
0700	1101			8.0	2120				0	0.0	11.2	--	--	--	--	--	--	
03/21/73	1101		52.0F						192									
0700	1101			7.7	971				0	2.3	5.0	--	--	--	--	--	--	
04/19/73	1101		62.0F						280									
0700	1101			4.1	2110				0	0.0	10.4	--	--	--	--	--	--	
05/18/73	1101		62.0F						333									
0720	1101			8.0	12000				0	0.5	1.2	--	--	--	--	--	--	
06/18/73	1101		74.0F						115									
0900	1101			9.0	1730				43	--	2.3	--	--	--	--	--	--	
07/17/73	1101		70.0F						255									
0820	1101			8.0	1630				0	0.0	4.3	--	--	--	--	--	--	
08/15/73	1101		71.0F						294									
0855	1101			8.3	1600				0	0.0	1.6	--	--	--	--	--	--	
09/20/73	1101		69.0F						311									
1005	1101			8.4	1660				2	0.0	6.3	--	--	--	--	--	--	
7B 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS																		
03/21/73	1101		48.0F						146		0.12	--	--	--	--	--	--	
0515	1101			7.8	543				0	2.2	2.3	2.72	4.92	--	--	--	--	
04/19/73	1101		59.0F						201		0.33	--	--	--	--	--	--	
0510	1101			7.9	1120				0	2.9	2.3	1.64	4.54	--	--	--	--	
05/18/73	1101								174		0.16	--	--	--	--	--	--	
	1101			8.0	1120				0	0.0	1.8	0.38	0.38	--	--	--	--	
06/18/73	1101								217		0.15	--	--	--	--	--	--	
0540	1101			4.1	1130				0	1.3	1.8	1.02	2.32	--	--	--	--	
07/17/73	1101								163		0.16	--	--	--	--	--	--	
	1101			8.3	1090				0	0.0	1.4	0.0	0.0	--	--	--	--	
08/15/73	1101		72.0F						244		0.37	--	--	--	--	--	--	
0800	1101			8.0	1230				0	5.0	0.6	0.82	5.82	--	--	--	--	
09/17/73	1101		67.0F						164		0.38	--	--	--	--	--	--	
0850	1101			7.9	1070				0	0.0	1.2	0.0	0.0	--	--	--	--	
7A 1700.00 SAN GABRIEL RIVER AT BEVERLY BLVD																		
12/15/72	1101		45.0F						174		--	--	--	--	--	--	--	
	1101			8.2	1220				0	0.0	0.0	--	--	--	--	--	--	
01/15/73	1101		53.0F						173		--	--	--	--	--	--	--	
0715	1101			7.9	1210				0	0.6	1.8	--	--	--	--	--	--	
02/20/73	1101		52.0F						233		--	--	--	--	--	--	--	
	1101			8.1	656				0	4.1	2.6	--	--	--	--	--	--	
03/21/73	1101		51.0F						161		0.13	--	--	--	--	--	--	
0540	1101			7.7	608				0	2.8	1.8	2.66	6.46	--	--	--	--	
04/19/73	1101		61.0F						209		0.21	--	--	--	--	--	--	
0710	1101			7.8	1100				0	4.4	2.3	--	--	--	--	--	--	
05/18/73	1101		63.0F						176		--	--	--	--	--	--	--	
0715	1101			8.2	1170				0	0.5	2.0	--	--	--	--	--	--	
06/18/73	1101		63.0F						189		0.22	--	--	--	--	--	--	
0530	1101			8.1	1140				0	0.0	1.6	0.0	0.0	--	--	--	--	
07/17/73	1101		63.0F						116		--	--	--	--	--	--	--	
0600	1101			8.6	1140				11	0.1	1.0	--	--	--	--	--	--	
09/20/73	1101		67.0F						176		--	--	--	--	--	--	--	
0710	1101			8.0	1100				0	0.1	1.8	--	--	--	--	--	--	
7B 5170.00 RIO HONDO RIVER NEAR DOWNEY																		
10/18/72	1101		59.0F						252		--	--	--	--	--	--	--	
0745	1101			8.2	1140				0	0.0	0.0	--	--	--	--	--	--	
01/15/73	1101		56.0F						195		--	--	--	--	--	--	--	
0745	1101			8.4	1340				7	0.0	0.0	--	--	--	--	--	--	
02/20/73	1101		48.0F						148		--	--	--	--	--	--	--	
0800	1101			8.4	965				13	0.0	0.0	--	--	--	--	--	--	
03/21/73	1101		42.0F						132		--	--	--	--	--	--	--	
0630	1101			8.0	740				0	0.1	0.0	--	--	--	--	--	--	
04/19/73	1101		60.0F						172		--	--	--	--	--	--	--	
	1101			8.2	1460				0	0.0	0.3	--	--	--	--	--	--	
05/18/73	1101		63.0F						278		--	--	--	--	--	--	--	
	1101			8.2	1620				11	0.0	0.0	--	--	--	--	--	--	
06/18/73	1101		61.0F						293		--	--	--	--	--	--	--	
0630	1101			8.1	1840				0	0.0	0.0	--	--	--	--	--	--	
07/17/73	1101		59.0F						235		--	--	--	--	--	--	--	
0645	1101			8.3	996				11	0.0	1.6	--	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

NUTRIENT ANALYSIS OF SURFACE WATER																		
DATE TIME	SAMP LAR	G.M. DISCH.	TEMP DEPTH	FIELD		LAB		NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER										
				PH	EC	TURB F-CO2	CAC03 CAC03 T	HC03 C03	NH3	N02 N03	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.M.P04	F H3P04 U H3P04	F TOT P U TOT P	REM		
7A 5170.00				RIO HONDO RIVER NEAR DOWNEY										CONTINUED				
04/15/73	1101		68.0F					208		--	--	--		--	--			
0730	1101			8.4	967			8	0.0	7.5	--	--	--	--	--	--		
09/20/73	1101		62.0F					321		--	--	--		--	--	--		
0745	1101			8.3	1850			0	0.5	0.0	--	--	--	--	--	--		

# TABLE D-7

## PESTICIDES IN SURFACE WATER

### Abbreviations and Codes

#### Pesticides

- BHC - Benzene hexachloride
- DDD - Dichloro diphenyl dichloroethane
- DDE - Dichloro diphenyl ethane
- DDT - Dichloro diphenyl trichloroethane

When two pesticides are reported together with a slash mark separating them (Simazine/Atrazine), the reported concentration is an undifferentiated total of the two. Either of the two pesticides could make up the entire total.

#### Samp

- - Code for agency collecting sample
- 5050 - Department of Water Resources

#### Lab

- - Code for laboratory performing analysis
- 5050 - Department of Water Resources  
Laboratory at Bryte



PESTICIDES IN SURFACE WATER  
COMPOUNDS REPORTED IN NANOGRAMS/LITER  
NATED HYDROCARBON ORGA

SEE PAGE 366 FOR KEY TO TERMS AND ABBREVIATION



Appendix E

**GROUND WATER QUALITY DATA**





## APPENDIX E GROUND WATER QUALITY DATA

This appendix presents ground water quality data collected during the period from October 1, 1972 through September 30, 1973. The data were collected from a number of major ground water sources in Southern California in cooperation with other state, local, and federal agencies. A total of 1,300 wells were sampled during the 1973 water year.

At the time of field sampling, a temperature measurement is normally made. Comments on current conditions are noted in field books which are available in the files of the Department of Water Resources, Southern District.

Laboratory analyses of ground waters were performed in accordance with "Standard Methods for the Examination of Water and Waste Water", prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 13th Edition, Geological Survey Water Supply Paper 1454, "Methods for Collection and Analysis of Water Samples", 1960. Trace element analyses were determined by the Department's Southern District Laboratory using Colormetric method and various Atomic Absorption methods, including Environmental Protection Agency methods, and by United States Geological Survey using a Jarrel-Ash 2.4 meter Wadsworth grating spectrograph.

Two numbering systems are used by the Department to facilitate processing of water quality data. The two systems are the Areal Designation and the State Well Numbering systems as described on page 53 of Appendix C.

The Areal Designation System comprises a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas.

Figures C-1 through C-6, pages 55 through 65 in Appendix C, show the locations and code numbers of the hydrologic subdivisions in each drainage province.

## TABLE E-1 MINERAL ANALYSES OF GROUND WATER

An explanation of column headings follows:

- TDS** - Gravimetric determination of total dissolved solids at 180° Celsius (or \*105° C).
- SUM** - Total dissolved solids determined by addition of analyzed constituents, less Bicarbonate multiplied by 0.50.  $\neq$  - Difference between total anions and total cations of over 5 percent.
- EC** - The electrical conductance in micromhos at 25° Celsius.
- pH** - Measure of acidity or alkalinity of water.
- TH** - Total hardness.
- NCH** - Noncarbonate hardness.
- TIME** - Pacific Standard Time on a 24-hour clock.
- TEMP** - Water temperature in degrees Fahrenheit at the time of field sampling.
- SAR** - Sodium Adsorption Ratio.
- REM (REMARKS) as follow:**
- T** - Total Dissolved Solids and the calculated SUM of constituents are not within 20 percent of each other.
  - E** - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.
  - S** - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5\%$ .
  - C** - The electrical conductivity divided by the EC-EPM factor ( or if absent, 100) is not within 20% of the average of the cation sum and anion sum for complete analyses.
  - X** - The field EC and the lab EC are not within 20 % of each other.
  - Z** - The value of the constituent is greater than the field limit; in which case all 9's will appear.
  - N** - This analysis has been reported under a different station number.

The MINERAL CONSTITUENTS are as follows:

<b>B</b> - Boron	<b>F</b> - Fluoride	<b>NA</b> - Sodium
<b>CA</b> - Calcium	<b>HCO<sub>3</sub></b> - Bicarbonate	<b>NO<sub>3</sub></b> - Nitrate
<b>CL</b> - Chloride	<b>K</b> - Potassium	<b>SiO<sub>2</sub></b> - Silica
<b>CO<sub>3</sub></b> - Carbonate	<b>MG</b> - Magnesium	<b>SO<sub>4</sub></b> - Sulfate

The LAB and SAMPLER agency codes are as follows:

- 1101 - Los Angeles County Flood Control District
- 1200 - Los Angeles Department of Water and Power
- 3210 - Pasadena Water Department
- 5103 - Riverside County Flood Control and Water Conservation District
- 4206 - Long Beach Water Department
- 4417 - Orange County Water District
- 4790 - Babcock Lab
- 5000 - U. S. Geological Survey
- 5050 - Department of Water Resources
- 5060 - Department of Health
- 5088 - Santa Ana River Basin Regional W.Q.C.B.(No. 8)
- 5089 - San Diego Regional W.Q.C.B.(No.9)
- 5101 - San Bernardino County Flood Control District
- 5102 - Orange County Flood Control District
- 5103 - Riverside County Flood Control and Water Conservation District
- 5117 - San Luis Obispo County Flood Control and Water Conservation District
- 5121 - Ventura County Flood Control District
- 5134 - Orange County
- 5136 - Los Angeles County Sanitation District
- 5411 - United Water Conservation District
- 5867 - Fruit Growers Laboratory
- 5868 - Pomeroy Johnston and Bailey Civil and Chemical Engineers
- 5875 - Eastern Municipal Water District
- 5877 - Environmental Engineering Lab. Inc., Chula Vista
- 5882 - Analytical Research Laboratory
- 5999 - Unknown



TABLE E-1 (CONT)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM				
				CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM		TH NCH	SAR		
CENTRAL COASTAL DRAINAGE PROVINCE																				
T-09																				
T-09.M																				
PASO ROBLES HYDRO SUBUNIT																				
11/01/72	5117	25S/14E-33001	M	65.0F		26	21	75	2.3	0	293	44	24	.2	.39	.5	328	152		
1430	5050			18.3C	8.1 568	1.30	1.73	3.26	.06	.00	4.80	.92	.68	.00	--	--	337	0	2.7	
						20	27	51	1		75	14	11							
11/02/72	5117	25S/15E-02C01	M	68.0F		67	84	180	4.3	0	550	242	137	6.7	1.40	.3	989	512		
1405	5050			20.0C	8.2 1545	3.34	6.91	7.83	.11	.00	9.01	5.04	3.86	.11	--	--	993	62	3.5	
						18	38	43	1		50	28	21	1						
11/02/72	5117	26S/12E-14G01	M			19	12	137	2.4	0	300	91	38	.5	.94	.4	459	97		
	5050				7.9 722	.95	.99	5.96	.06	.00	4.92	1.89	1.07	.01	--	--	448	0	6.1	
						12	12	75	1		62	24	14							
11/01/72	5117	26S/12E-21D06	M	68.0F		95	47	300	6.6	0	503	165	344	11.5	1.06	.6	1224	430		
1045	5050			20.0C	7.9 2026	4.74	3.87	13.05	.17	.00	8.24	3.44	9.70	.19	--	--	1217	19	6.3	
						22	18	60	1		38	16	45	1						
11/01/72	5117	26S/12E-22P01	M	68.0F		32	24	82	1.9	0	282	37	60	13.0	.24	.3	411	179		
1030	5050			20.0C	7.9 671	1.60	1.97	3.57	.05	.00	4.62	.77	1.69	.21	--	--	389	0	2.7	
						22	27	50	1		63	11	23	3						
11/01/72	5117	26S/13E-28L02	M	70.0F		28	23	59	1.6	0	253	27	42	1.8	.22	.3	300	165		
1315	5050			21.1C	7.8 549	1.40	1.89	2.57	.04	.00	4.15	.56	1.18	.03	--	--	307	0	2.0	
						24	32	44	1		70	9	20	1						
11/06/72	5117	26S/14E-35D01	M	58.0F		40	9.3	44	3.0	0	160	24	48	17.5	.07	.6	278	138		
1030	5050			14.4C	8.0 475	2.00	.76	1.91	.08	.00	2.62	.50	1.35	.28	--	--	265	7	1.6	
						42	16	40	2		55	11	28	6						
11/26/72	5117	27S/11E-22N02	M			139	26	228	2.3	0	571	394	42	2.0	.30	.8	1115	454		
	5050				7.7 1597	6.94	2.14	9.92	.06	.00	9.36	8.20	1.18	.03	--	--	1114	0	4.7	
						36	11	52			50	44	6							
11/03/72	5117	27S/13E-09P01	M	68.0F		12	9.8	130	1.8	0	355	26	20	4.2	.30	.2	460	71		
1500	5050			20.0C	8.1 627	.60	.81	5.66	.05	.00	5.82	.54	.56	.07	--	--	379	0	6.7	
						8	11	79	1		83	8	8	1						
11/03/72	5117	27S/13E-36R01	M	64.0F		107	21	55	2.0	0	443	34	50	2.8	.16	.4	524	354		
1430	5050			17.8C	7.7 826	5.34	1.73	2.39	.05	.00	7.26	.71	1.41	.05	--	--	490	0	1.3	
						56	18	25	1		77	8	15	1						
10/24/72	5117	29S/13E-08F01	M			47	34	53	1.6	7.0	335	49	24	4.0	.02	.5	398	258		
1400	5050				8.3 696	2.35	2.80	2.31	.04	.23	5.49	1.02	.68	.06	--	--	384	0	1.4	
						31	37	31	1	3	73	14	9	1						
10/24/72	5117	29S/13E-08M01	M			40	14	131	1.6	0	160	127	82	80.0	.52	.9	563	160		
1400	5050				8.3 915	2.00	1.15	5.70	.04	.00	2.62	2.64	2.31	1.29	--	--	555	27	4.5	
						22	13	64			30	30	26	15						
10/24/72	5117	29S/13E-08N05	M			56	30	1085	16	0	299	1768	392	40.0	.42	1.0	2082	262		
1400	5050				8.3 3087	2.79	2.47	47.20	.41	.00	4.90	36.81	11.05	.65	--	--	3534	18	29.1	
						5	5	89	1		9	69	21	1					TC	
T-09.1																				
POZO HYDRO SUBUNIT																				
11/09/72	5117	30S/15E-21C01	M	65.0F		50	31	34	.9	0	216	69	28	38.5	.03	.4	364	253		
1425	5050			18.3C	7.6 595	2.50	2.55	1.48	.02	.00	3.54	1.44	.79	.62	--	--	358	76	0.9	
						38	39	23			55	23	12	10						
11/09/72	5117	30S/15E-21D01	M	60.0F		50	35	46	.9	0	235	94	34	34.1	.06	.4	407	269		
1440	5050			15.5C	7.7 674	2.50	2.88	2.00	.02	.00	3.85	1.96	.96	.55	--	--	410	77	1.2	
						34	39	27			53	27	13	8						
T-10																				
T-10.8																				
T-10.82																				
SAN LUIS OBISPO HYDRO UNIT																				
SAN LUIS OBISPO HYDRO SUBUNIT																				
CHORRO HYDRO SUBAREA																				
10/11/72	5050	29S/11E-31R01	M	64.0F		5200	77	194	705	38	0	502	210	1370	1.6	.52	.4	2955	989	
1200	5050			17.8C	8.2 4840	3.84	15.95	30.67	.98	.00	8.23	4.37	38.63	.03	--	--	2843	578	9.7	
						7	31	60	2		16	9	75							
T-10.83																				
LOS OSOS HYDRO SUBAREA																				
10/11/72	5050	30S/10E-12J01	M	71 F		42	65	180	5.5	0	383	170	67	.7	.30	.2	665	372		
	5050			22 C	8.0 1050	2.10	5.35	4.35	.14	.00	6.28	3.54	1.89	.01	--	--	639	59	2.3	
						18	45	36	1		54	30	16							
10/11/72	5050	30S/10E-13L01	M	66 F		175	2.9	6.3	24	.8	0	36	4.3	38	8.7	.02	.1	122	33	
1700	5050			19 C	7.0 188	.14	.52	1.04	.02	.00	.59	.09	.85	.14	--	--	95	4	1.8	
						8	30	60	1		35	5	51	8					T	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	PERCENT REACTANCE VALUE		B	F	TDS SUM	TH NCH	SAR	
												NO3	SI02						
CENTRAL COASTAL DRAINAGE PROVINCE																			
SAN LUIS OBISPO HYDRO UNIT																			
SAN LUIS OBISPO HYDRO SUBUNIT																			
LOS OSOS HYDRO SUBAREA																			
10/26/72 1115	5117 5060											31 .87	47.0 .76	-- --	-- --				
30S/10E-24A01 M																			
10/26/72 1100	5117 5060											29 .82	8.4 .14	-- --	-- --				
30S/11E-07N01 M																			
10/11/72 1530	5050 5050	66.0F 18.9C	7.4	225 245	11 .55 23	9.8 .81 34	23 1.00 42	.8 .02 1	0 .00	77 1.26 53	4.8 .10 4	34 .96 40	4.0 .06 3	.01	.1	150 125	68 5	1.2	
30S/11E-07001 M																			
10/26/72 1045	5117 5060											31 .87	24.0 .39	-- --	-- --				
30S/11E-08J01 M																			
06/04/73	5050 5050		7.9	2842	104 5.19 18	133 10.94 37	306 13.31 45	.6 .02	0 .00	383 6.28 21	75 1.56 5	750 21.15 71	37.8 .61 2	.32	.9	1746 1595	806 497	4.7	
30S/11E-17H03 M																			
06/05/73	5050 5050		7.9	735	45 2.25 28	49 4.03 51	37 1.61 20	1.2 .03	0 .00	333 5.46 69	46 .96 12	51 1.44 18	6.4 .10 1	.05	.1	409 399	314 41	0.9	
30S/11E-17M02 M																			
06/06/73	5050 5050		7.6	332	16 .80 26	15 1.23 40	24 1.04 34	.8 .02 1	0 .00	118 1.93 61	10 .21 7	31 .87 27	10.2 .16 5	.00	.1	209 165	102 5	1.0	
30S/11E-18D01S M																			
06/04/73	5050 5050		6.8	237	7.6 .38 20	6.1 .50 26	23 1.00 53	.5 .01 1	0 .00	35 .57 30	4.3 .09 5	34 .96 50	18.6 .30 16	.00	.1	142 111	44 16	1.5	
30S/11E-18K01 M																			
10/26/72 1015	5117 5060											25 .71	13.0 .21	-- --	-- --				
30S/11E-18K99 M																			
10/26/72 1030	5117 5060											30 .85	6.3 .10	-- --	-- --				
30S/11E-18L01 M																			
11/06/72	5999 5879		7.7	240	16 .80 27	11 .90 30	28 1.22 41	1.4 .04 1	.1 .00	80 1.31 49	20 .42 16	30 .85 32	7.0 .11 4	.05	.1	160 153	110 20		
30S/11E-21D04 M																			
06/06/73 1000	5050 5050		8.0	1441	101 5.04 30	108 8.88 53	63 2.74 16	.6 .02	0 .00	620 10.16 61	129 2.69 16	103 2.90 17	60.6 .98 6	.09	.3	882 870	696 188	1.1	
T-10.86 32S/12E-24801 M																			
10/13/72	5050 5050	65.0F 18.3C	7.9	2893	93 4.64 16	93 7.65 26	392 17.05 57	18 .46 2	0 .00	450 7.38 25	159 3.31 11	679 19.15 64	6.3 .10	.13	.2	1699 1662	615 246	6.9	
32S/12E-24802 M																			
10/13/72	5050 5050	72.0F 22.2C	7.7		80 3.99 45	31 2.55 29	51 2.22 25	4.4 .11 1	0 .00	293 4.80 54	152 3.16 36	31 .87 10	1.0 .02	.08	.2	543 495	328 87	1.2	
32S/12E-24803 M																			
10/13/72	5050 5050	66.0F 19.9C	7.6	914	85 4.24 42	42 3.45 34	54 2.35 23	3.9 .10 1	0 .00	338 5.54 55	168 3.50 35	37 1.04 10	.1 .00	.05	.2	596 556	385 108	1.2	
ARROYO GRANDE HYDRO SUBUNIT																			
T-10.C1 32S/13E-30N02 M																			
10/11/72 1600	5050 5050	64 F 18 C	7.7	1350 1295	126 6.29 44	62 5.10 36	64 2.78 19	3.6 .09 1	0 .00	335 5.49 39	218 4.54 32	116 3.27 23	48.0 .77 5	.08	.3	882 802	568 295	1.2	
32S/13E-30N03 M																			
10/11/72	5050 5050	64.0F 17.8C	7.8	1300 1310	145 7.24 46	62 5.10 33	74 3.22 21	4.0 .10 1	0 .00	243 3.98 26	493 10.26 66	47 1.33 9	.8 .01	.15	.4	1038 945	617 418	1.3	E
32S/13E-31F02 M																			
10/11/72	5050 5050	64.0F 17.8C	7.7	1350 1371	157 7.83 48	64 5.26 32	74 3.22 20	4.1 .10 1	0 .00	231 3.79 23	534 11.12 68	47 1.33 8	1.2 .02	.15	.4	1089 995	655 465	1.3	E
32S/13E-31F03 M																			
10/11/72	5050 5050	70.0F 21.1C	7.8	1350 1286	147 7.34 48	65 5.35 35	59 2.57 17	3.6 .09 1	0 .00	332 5.44 35	430 8.95 58	36 1.02 7	.7 .01	.12	.3	980 905	634 363	1.0	F

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	SAR		
CENTRAL COASTAL DRAINAGE PROVINCE																			
SAN LUIS OBISPO HYDRO UNIT																			
ARROYO GRANDE HYDRO SUBUNIT																			
ARROYO GRANDE HYDRO SUBAREA																			
10/11/72	5050 5050	T T-10 T-10.C1 32S/13E-31F04	M	74.0F 23.3C	900 890	76 3.79 39	33 2.71 28	74 3.22 33	2.8 .07 1	0 .00	320 5.24 54	124 2.58 26	69 1.95 20	.2 .00	.14	.2 --	536 536	326 63	1.8
CARRIZO PLAIN HYDRO UNIT																			
10/03/72	5117 0945	29S/17E-13R01	M	65.0F 18.3C	557	56 2.79 49	11 .90 16	44 1.91 34	1.6 .04 1	0 .00	223 3.65 85	39 .81 14	34 .96 17	11.0 .18 3	.02	.2 --	329 306	185 2	1.4
10/04/72	5117 1530	29S/18E-29G01	M		1053	49 2.45 24	16 1.32 13	147 6.39 63	1.6 .04 0	0 .00	173 2.84 28	197 4.10 40	69 1.95 19	88.0 1.42 14	.64	.8 --	691 653	189 47	4.7
11/09/72	5117 1100	30S/18E-01B02	M	59.0F 15.0C	2407	116 5.79 21	38 3.13 12	416 18.10 67	1.6 .04 0	0 .00	210 3.44 13	711 14.80 56	242 6.82 26	95.5 1.54 6	1.20	.8 --	1752 1725	446 274	8.6
11/09/72	5117 1025	30S/18E-03D01	M	68.0F 20.0C	573	43 2.15 36	15 1.23 21	58 2.52 42	1.3 .03 1	0 .00	168 2.75 46	85 1.77 29	32 .90 15	36.3 .59 10	.07	.3 --	356 353	169 32	1.9
11/09/72	5117 1115	30S/18E-12N01	M	55.0F 12.8C	629	38 1.90 28	20 1.64 24	74 3.22 47	.9 .02 0	0 .00	235 3.85 57	70 1.46 22	31 .87 13	34.1 .55 8	.21	.5 --	387 384	177 0	2.4
10/04/72	5117 1500	32S/21E-32J01	M		727	45 2.25 32	25 2.06 29	61 2.65 38	2.7 .07 1	0 .00	219 3.57 52	50 1.04 15	52 1.47 21	52.0 .84 12	.16	.7 --	439 395	213 37	1.8
10/03/72	5117 1230	11N/26W-02G01	S	68.0F 20.0C	768	65 3.24 38	52 4.28 50	24 1.04 12	.4 .01 0	0 .00	350 5.74 67	57 1.19 14	58 1.64 19	4.0 .06 1	.02	.3 --	494 433	375 89	0.5
10/04/72	5117 1330	11N/26W-12F01	S		6358	134 6.69 9	62 5.10 7	1379 59.99 83	16 .41 1	0 .00	273 4.47 6	1621 33.75 47	1199 33.81 47	4.0 .06 0	1.60	.5 --	4839 4551	591 364	24.7
10/04/72	5117 1400	11N/26W-25D01S	S		671	2.8 .14 2	.7 .06 1	145 6.31 96	2.0 .05 1	20 .67 10	228 3.74 56	45 .94 14	34 .96 14	25.0 .40 6	.24	.3 --	395 387	10 0	20.1
10/04/72	5117 1500	12N/27W-36E01	S		5738	500 24.95 47	295 24.26 46	81 3.52 7	12 .32 1	0 .00	112 1.84 2	3430 71.41 84	315 8.88 10	180 2.90 3	.90	3.6 --	5715 4869	2463 2370	0.7
SANTA MARIA-CUYAMA HYDRO UNIT																			
SANTA MARIA HYDRO SUBUNIT																			
05/16/73	5000 1740	09N/33W-06G01	S	64 F 18 C	8.0	84 4.19 39	53 4.36 40	51 2.22 20	2.3 .06 1	0 .00	236 3.87 36	292 6.08 56	78 .79 7	4.6 .07 1	.07	.5 --	698 631	428 234	1.1
05/18/73	5000 1340	09N/33W-18R01	S	72 F 22 C	8.3	61 3.04 40	19 1.56 21	67 2.91 38	2.5 .06 1	0 .00	181 2.97 38	68 1.42 18	108 3.05 39	20.0 .32 4	.13	.4 --	501 435	230 82	1.4
05/15/73	5000 1430	10N/33W-20F01	S	63 F 17 C	8.1	119 5.94 40	59 4.85 33	88 3.83 26	3.5 .09 1	0 .00	261 4.28 29	430 8.95 61	42 1.18 8	17.6 .28 2	.24	.7 --	954 888	540 326	1.6
05/15/73	5000 1635	10N/34W-03P02	S	61 F 16 C	8.1	105 5.24 46	48 3.95 34	51 2.22 19	2.8 .07 1	0 .00	243 3.98 35	293 6.10 54	39 1.10 10	6.8 .11 1	.04	.7 --	705 665	460 261	1.0
11/06/72	5000 1030	10N/34W-16R01	S	59.9F 15.5C	8.0	86 4.29 31	67 5.51 40	92 4.00 29	3.6 .09 1	0 .00	167 2.74 20	433 9.02 66	58 1.41 10	36.0 .58 4	.22	.5 --	904 850	490 353	1.8
05/17/73	5000 1900	10N/34W-17F01	S	63 F 17 C	8.0	175 8.73 38	102 8.39 37	126 5.48 24	4.6 .12 1	0 .00	142 2.33 10	803 16.72 74	88 2.48 11	75.3 1.21 5	.17	.7 --	1534 1444	856 740	1.9
11/06/72	5000 1120	10N/34W-18P01	S	66.2F 19.0C	8.1	225 11.23 41	86 7.07 26	206 8.96 33	4.7 .12 0	0 .00	392 6.42 24	612 12.74 47	236 6.66 25	67.5 1.09 4	.38	.6 --	1706 1630	915 594	3.0
05/15/73	5000 1410		S	63 F 17 C	7.8	186 9.28 37	88 7.24 29	200 8.70 34	5.0 .13 1	0 .00	269 4.41 17	638 13.28 53	232 6.54 26	61.5 .99 4	.32	.7 --	1636 1543	826 606	3.0



#### MINE-WELL ANALYSES OF GROUND WATER

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MINERAL ANALYSES OF GROUND WATER

-377-

TABLE E-1 (CONT)

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TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM		TH NCH	SAR
CENTRAL COASTAL DRAINAGE PROVINCE																		
SANTA BARBARA HYDRO UNIT																		
SOUTH COAST HYDRO SUBUNIT																		
GOLETA HYDRO SUBAREA																		
T-15																		
T-15.C																		
T-15.C1																		
04N/28W-10F03 S																		
11/06/72	5000	67.1F		138	38	60	1.2	0	345	247	56	3.0	.11	.6	749	501		E
1300	5050	19.5C	8.0 1052	6.89	3.13	2.61	.03	.00	5.65	5.14	1.58	.05		--	713	219	1.2	
				54	25	21			45	41	13							
05/14/73	5000	68 F		74	35	42	2.6	0	185	226	20	1.2	.32	.7	502	329		
1415	5050	20 C	8.0 793	3.69	2.88	1.83	.07	.00	3.03	4.71	.56	.02		--	492	177	1.0	
				44	34	22	1		36	57	7							
04N/28W-16J01 S																		
05/14/73	5000	61.7F		74	34	44	2.6	0	185	223	22	1.0	.30	.7	500	326		
1430	5050	16.5C	8.0 780	3.69	2.80	1.91	.07	.00	3.03	4.64	.62	.02		--	492	173	1.1	
				44	33	23	1		36	56	7							
04N/28W-17R01 S																		
05/26/73	5050	67.0F		52	31	115	1.6	0	395	124	44	.0	.18	.2	585	256		
	5050	19.4C	8.2 1002	2.59	2.55	5.00	.04	.00	6.47	2.58	1.24	.00		--	562	0	3.1	
				25	25	49			63	25	12							
04N/28W-17R02 S																		
05/26/73	5050	68.0F		103	63	117	3.1	0	135	535	59	28.0	.70	.7	1097	515		E
	5050	20.0C	7.8 1506	5.14	5.18	5.09	.08	.00	2.21	11.14	1.66	.45		--	975	406	2.2	
				33	33	33	1		14	72	11	3						
04N/28W-18F02 S																		
11/06/72	5000	68.9F		103	53	208	19	0	535	245	170	18.0	.51	.3	1109	475		
1335	5050	20.5C	7.9 1656	5.14	4.36	9.05	.49	.00	8.77	5.10	4.79	.29		--	1080	37	4.2	
				27	23	48	3		46	27	25	2						
05/14/73	5000	66 F		30	50	200	19	0	305	238	165	17.0	.55	.4	873	282		
1500	5050	19 C	8.0 1456	1.50	4.11	8.70	.49	.00	5.00	4.96	4.65	.27		--	870	31	5.2	
				10	28	59	3		34	33	31	2						
T-15.C2																		
SANTA BARBARA HYDRO SUBAREA																		
04N/27W-08L01 S																		
05/15/73	5000	73 F		51	29	59	1.5	0	156	170	42	6.8	.00	.4	485	248		
0845	5050	23 C	7.6 752	2.54	2.38	2.57	.04	.00	2.56	3.54	1.18	.11		--	436	118	1.6	
				34	32	34	1		35	48	16	1						
04N/27W-14Q01 S																		
11/06/72	5000	68.0F		103	39	80	1.4	0	297	211	84	9.5	.03	.4	701	418		
1135	5050	20.0C	8.1 1029	5.14	3.21	3.48	.04	.00	4.87	4.39	2.37	.15		--	674	174	1.7	
				43	27	29			41	37	20	1						
05/15/73	5000	72 F		91	39	78	1.6	0	249	210	89	8.2	.14	.6	678	388		
0830	5050	22 C	7.8 1079	4.54	3.21	3.39	.04	.00	4.08	4.37	2.51	.13		--	639	184	1.7	
				41	29	30			37	39	23	1						
04N/27W-22A01 S																		
06/27/73	5050	67 F		96	205	2483	51	0	231	380	4228	.0	.58	.7	8424	1084		
1330	5050	19 C	7.3 14158	4.79	16.86	108.01	1.30	.00	3.79	7.91	119.23	.00		--	7557	894	32.8	
				4	13	82	1		3	6	91							
T-15.C4																		
CARPINTERIA HYDRO SUBAREA																		
04N/25W-22R03 S																		
11/06/72	5000	62.6F		98	30	49	1.3	0	323	148	31	16.5	.07	.3	559	368		
1055	5050	17.0C	7.8 836	4.89	2.47	2.13	.03	.00	5.29	3.08	.87	.27		--	533	104	1.1	
				51	26	22			56	32	9	3						
05/14/73	5000	63 F		68	20	24	2.4	0	161	145	13	1.4	.16	.5	359	254		
1130	5050	17 C	7.9 564	3.39	1.64	1.04	.06	.00	2.64	3.02	.37	.02		--	353	120	0.7	
				55	27	17	1		44	50	6							
04N/25W-26B02 S																		
11/06/72	5000	68.0F		98	31	42	1.4	0	272	153	51	14.5	.09	.3	566	372		
1030	5050	20.0C	7.7 826	4.89	2.55	1.83	.04	.00	4.46	3.19	1.44	.23		--	525	149	0.9	
				53	27	20			48	34	15	2						
04N/25W-28N03 S																		
05/14/73	5000	67.1F		50	44	85	4.2	0	161	216	91	1.6	.12	.5	598	305		
1315	5050	19.5C	7.9 971	2.50	3.62	3.70	.11	.00	2.64	4.50	2.57	.03		--	571	174	2.1	
				25	36	37	1		27	46	26							
04N/25W-29D01 S																		
11/06/72	5000	67.1F		103	35	70	3.4	0	348	165	69	1.2	.19	.4	648	401		
0820	5050	19.5C	7.9 967	5.14	2.88	3.05	.09	.00	5.70	3.44	1.95	.02		--	618	116	1.5	
				46	26	27	1		51	31	18							
04N/25W-30D01 S																		
06/28/73	5050	65.0F		35	25	51	.8	0	152	141	21	1.2	.54	1.0	435	190		
1600	5050	18.3C	8.2 648	1.75	2.06	2.22	.02	.00	2.49	2.94	.59	.02		--	350	66	1.6	
				29	34	37			41	49	10							
04N/26W-24F08 S																		
11/06/72	5000	66.2F		99	47	135	1.3	0	393	67	212	49.5	.62	.7	820	440		
1120	5050	19.0C	8.0 1365	4.94	3.87	5.87	.03	.00	6.44	1.39	5.98	.80		--	805	119	2.8	
				34	26	40			44	10	41	5						
05/14/73	5000	65.3F		82	56	106	1.0	0	180	--	235	110	.22	.6	799	437		
1100	5050	18.5C	7.8 1410	4.09	4.61	4.61	.03	.00	2.95	6.63	1.77			--	288	288	2.2	
				31	35	35			26		58	16						

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

[illegible]

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA																		
06/05/73 0815	5121 5050			101 5.04 41	34 2.80 23	101 4.39 36	3.9 .10 1	0 .00 40	297 4.87 40	282 5.87 48	51 1.44 12	.0 .00 00	.62 --	.6 --	882 720	392 149	2.2	E
06/06/73 1015	5121 5050	68.0F 20.0C	8.1 1089	90 4.49 38	34 2.80 24	103 4.48 38	4.0 .10 1	0 .00 40	285 4.67 40	256 5.33 46	59 1.66 14	.0 .00 00	.56 --	.6 --	738 687	364 131	2.3	
06/13/73 1330	5050 5050	69.0F 20.5C	8.0 995	90 4.49 42	31 2.55 24	82 3.57 33	2.2 .06 1	0 .00 34	221 3.62 34	256 5.33 51	56 1.58 15	.1 .00 00	.32 --	.6 --	710 626	352 171	1.9	E
06/07/73 1110	5121 5050	75.0F 23.9C	7.8 1169	114 5.69 44	35 2.88 22	98 4.26 33	3.4 .09 1	0 .00 31	237 3.88 31	363 7.56 60	43 1.21 10	.0 .00 00	.46 --	.3 --	833 773	429 235	2.1	E
06/05/73 0745	5121 5050		7.8 1446	122 6.09 38	47 3.87 24	134 5.83 37	3.8 .10 1	0 .00 21	201 3.29 21	421 8.77 56	124 3.50 22	.0 .00 00	.47 --	.4 --	1034 961	497 336	2.6	E
06/12/73 0800	5121 5050		8.1 1177	118 5.89 45	40 3.29 25	98 3.92 30	3.9 .10 1	0 .00 35	279 4.57 35	346 7.20 55	43 1.21 9	1.2 .02 00	.66 --	.5 --	855 780	459 231	1.8	E
06/13/73 1300	5050 5050	69.0F 20.5C	8.3 2251	145 7.24 28	86 7.07 28	252 10.96 43	8.5 .22 1	0 .00 19	297 4.87 19	776 16.16 66	140 3.95 16	9.4 .15 1	1.11 --	.9 --	1722 1564	718 472	4.1	E
10/05/72	5121 5867		7.5 1071	76 3.79 35	34 2.80 26	95 4.13 39	-- -- 39	-- -- 28	89 3.10 28	326 6.79 61	41 1.16 10	.0 .00 00	.40 --	.7 --	713*	330	2.3	
06/07/73 1055	5121 5050	68.0F 20.0C	8.0 1101	105 5.24 43	34 2.80 23	93 4.05 33	3.7 .09 1	0 .00 39	283 4.64 39	279 5.81 49	52 1.47 12	.0 .00 00	.35 --	.3 --	765 786	402 170	2.0	
05/23/73 0705	5121 5050	62.0F 16.7C	8.0 1685	71 3.54 20	46 3.78 21	233 10.14 57	7.5 .19 1	0 .00 31	330 5.41 31	273 5.68 33	225 6.35 36	1.2 .02 00	.53 --	.3 --	1070 1019	366 96	5.3	
10/03/72	5121 5867		7.5 1282	124 6.19 45	40 3.29 24	100 4.35 31	-- -- 31	-- -- 4.80	293 4.80 7.60	365 7.60 1.66	59 1.66 --	-- -- 00	.50 --	.6 --	920*	475	2.0	E
04/26/73	5121 5999		7.7 1040	90 4.49 40	32 2.63 24	89 3.87 35	5.0 .13 1	-- -- 3.92	239 3.92 4.58	220 4.58 2.14	74 2.14 --	-- -- 00	.40 --	.3 37.0	730	356	2.1	E
04/26/73	5121 5999		7.7 945	72 3.59 37	26 2.14 22	89 3.87 40	6.4 .16 2	-- -- 4.39	268 4.39 3.54	170 3.54 1.92	68 1.92 --	-- -- 00	.40 --	.2 37.0	661	288	2.3	
04/26/73	5121 5999		7.5 1500	106 5.29 33	36 2.96 19	170 7.40 47	6.0 .15 1	-- -- 4.72	288 4.72 6.66	320 6.66 4.29	152 4.29 --	-- -- 00	.40 --	.4 39.0	1050	412	3.6	
04/26/73	5121 5999		7.9 1090	94 4.69 39	34 2.80 23	100 4.35 36	6.0 .15 1	-- -- 4.16	254 4.16 6.45	310 6.45 1.80	64 1.80 --	-- -- 00	.60 --	.3 35.0	765	376	2.2	E
04/26/73	5121 5999		7.7 1110	91 4.54 39	33 2.71 23	96 4.18 36	5.6 .14 1	-- -- 3.75	229 3.75 6.04	290 6.04 1.69	60 1.69 --	-- -- 00	.30 --	.3 35.0	770	364	2.2	
10/10/72	5050 5850	68 F 20 C	8.0 1850 1873	128 6.39 30	56 4.61 22	226 9.83 47	8.7 .22 1	0 .00 24	303 4.97 24	403 8.39 41	259 7.38 35	3.0 .05 00	.72 --	.4 --	1295 1233	550 302	4.2	
10/10/72 1200	5050 5050	68 F 20 C	7.9 950 968	75 3.74 34	30 2.47 22	108 4.70 43	3.4 .09 1	0 .00 43	283 4.64 43	233 4.85 45	45 1.27 12	2.0 .03 00	.35 --	.3 --	664 636	311 79	2.7	
06/13/73 1130	5050 5050	69.0F 20.5C	8.2 1175	117 5.84 44	42 3.45 26	88 3.83 29	4.4 .11 1	0 .00 36	283 4.64 36	326 6.79 52	49 1.38 11	8.8 .14 1	.72 --	.8 --	57 55	467 233	1.8	
05/17/73 0910	5121 5050	69.0F 20.5C	8.1 1210	113 5.64 42	43 3.54 27	92 4.00 30	4.2 .11 1	0 .00 32	252 4.13 32	371 7.72 59	41 1.16 9	.4 .01 00	.66 --	.6 --	844 784	459 253	1.9	E



#### MINERAL ANALYSES OF GROUND WATER

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#### MINERAL ANALYSES OF GROUND WATER

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

#### MINERAL ANALYSES OF GROUND WATER

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TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA																		
02/26/73	U U-03 U-03.A U-03.A1 02N/22W-26F99	S																
	5411 5867			144 7.19 51	30 2.47 18	100 4.35 31	--	--	265 4.34	418 8.70	47 1.33	--	.60	.7 --		485	2.0	
04/02/73	5411 5867		7.3 1544	184 9.18 53	39 3.21 19	110 4.79 28	--	--	274 4.49	544 10.49	83 1.78	14.0 .23	.60	.8 --		620	1.9	
06/30/73	5411 5867		7.2 1230	140 6.99 48	41 3.37 23	95 4.13 29	--	--	265 4.34	400 8.33	47 1.33	12.0 .19	.70	.8 --		520	1.8	
06/15/73	5411 5867		7.8 1348	146 7.29 46	44 3.62 23	110 4.79 31	--	--	262 4.29	470 9.79	49 1.38	12.0 .19	.80	.7 --		545	2.0	
06/25/73	5411 5867		7.3 1448	140 6.99 38	69 5.67 31	130 5.66 31	--	--	275 4.51	556 11.56	57 1.61	19.0 .31	.60	.7 --		635	2.2	
08/06/73	5411 5867		7.3 1358	150 7.49 45	49 4.03 24	120 5.22 31	--	--	265 4.34	480 9.99	56 1.58	22.0 .35	.85	.7 --		577	2.2	
09/04/73	5411 5867		7.4 1409	148 7.39 45	46 3.78 23	120 5.22 32	--	--	262 4.29	504 10.49	50 1.41	15.0 .24	.50	.7 --		560	2.2	
10/06/72	02N/22W-26L03	S																
	5121 5867		7.7 1582	158 7.88 45	60 4.93 28	110 4.79 27	--	--	275 4.51	528 10.99	65 1.83	10.0 .16	.60	.8 --	1215*	640	1.9	E
10/07/72	02N/22W-26M01	S																
	5121 5867		7.7 1606	170 8.48 47	60 4.93 27	106 4.61 26	--	--	348 5.70	480 9.99	63 1.78	14.0 .23	.60	.7 --	1225*	670	1.8	E
06/11/73	02N/22W-26001	S	64.0F 17.8C	207 10.33 45	77 6.33 27	144 6.26 27	5.6 .14 1	0 .00	270 4.43	761 15.84	86 1.86	28.8 .46	.84	.7 --	1542 1423	833 612	2.2	E
10/09/72	02N/22W-28L01	S																
	5121 5867		7.7 1407	150 7.49 49	41 3.37 22	100 4.35 29	--	--	262 4.29	432 8.99	48 1.35	14.0 .23	.50	.7 --	1025*	545	1.9	E
10/06/72	02N/22W-29G01	S																
	5121 5867		7.7 1618	182 9.08 49	60 4.93 27	100 4.35 24	--	--	305 5.00	547 11.39	85 1.83	22.0 .35	.60	.7 --	1240*	700	1.6	E
10/09/72	02N/22W-31D01	S																
	5121 5867		7.7 1631	172 8.58 46	52 4.28 23	132 5.74 31	--	--	262 4.29	506 12.20	76 2.14	14.0 .23	.60	.8 --	1220*	645	2.3	E
10/08/72	02N/22W-32R02	S																
	5121 5867		7.7 2069	204 10.18 41	72 5.92 24	200 8.70 35	--	--	305 5.00	821 17.09	87 2.45	12.0 .19	.80	.7 --	1725*	805	3.1	E
06/11/73	02N/22W-34A04	S	65.0F 18.3C	153 7.63 45	56 4.61 27	106 4.61 27	4.7 .12 1	0 .00	267 4.38	511 10.64	58 1.64	5.9 .10	.76	1.1 --	1113 1027	412 393	1.9	E
05/21/73	02N/23W-13K01	S																
	5121 0645		8.0 1706	134 6.69 36	51 4.19 23	178 7.40 40	5.2 .13 1	0 .00	323 5.29	521 10.85	81 2.28	.6 .01	.68	.5 --	1249 1122	544 280	3.2	E
10/08/72	02N/23W-25G02	S																
	5121 5867		7.8 1778	190 9.48 48	45 3.78 19	152 6.61 33	--	--	275 4.51	614 12.78	89 2.51	9.0 .15	.40	.6 --	1348*	880	2.6	E
10/10/72	01S/21W-08L01	S	58 F 20 C	8.5 850 7.8 942	30 1.58 15	34 2.80 28	128 5.57 55	6.7 .17 2	0 .00	236 3.87	150 3.12	102 2.88	.3 .00	.37	.3 --	587 567	215 22	3.8
10/10/72	01S/21W-08L02	S	58 F 20 C	7.0 30000 7.4 26896	445 22.21 7	767 63.08 20	5400 234.90 73	124 3.17 1	0 .00	209 3.43	1403 29.21	10184 287.19 90	10.8 .17	2.25	1.0 --	19172 18439	4265 4096	36.0
10/02/72	U-03.A2 01N/21W-01B04	S																
	5121 5867		7.4 1678	58 2.89 16	68 5.59 32	218 9.14 52	--	--	165 2.70	389 8.18	254 7.16	--	.40	.4 --	1220*	425	4.4	E
10/01/72	01N/21W-03M02	S																
	5121 5867		7.9 1258	92 4.59 36	34 2.80 22	126 5.48 43	--	--	281 4.61	274 5.70	90 2.54	--	.40	.5 --	830*	370	2.9	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																									
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER							REM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TM NCH	SAR								
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OKNARD PLAIN HYDRO SUBUNIT PLEASANT VALLEY HYDRO SUBAREA																									
06/06/73 0810	5121 5050	70.0F 21.1C	7.8 1057	73 3.64 33	32 2.63 24	110 4.79 43	3.1 .08 1	0 .00	186 3.05 28	278 5.75 52	78 2.20 20	.0 .00	.33 --	.3 --	730 664	314 161	2.7								
05/31/73	5411 5867		7.7 1498	94 4.69 31	45 3.70 24	160 6.96 45	-- --	-- --	206 4.89	336 7.00	121 3.41	-- --	.60 --	.4 --		420		3.4							
10/04/72	5121 5867		7.9 1108	108 5.39 46	28 2.30 19	95 4.13 35	-- --	-- --	281 4.61	283 5.89	51 1.44	-- --	.40 --	.5 --	788*	385	2.1								E
10/04/72	5121 5867		7.7 2367	230 11.48 42	84 6.91 26	200 8.70 32	-- --	-- --	360 5.90	658 13.70	288 8.12	-- --	.40 --	.6 --	1848*	920	2.9								E
05/29/73 1435	5121 5050	74.0F 23.3C	8.0 969	62 3.09 31	27 2.22 22	104 4.52 45	4.2 .11 1	0 .00	156 2.56 26	269 5.60 57	81 1.72 17	.1 .00	.32 --	.6 --	677 604	266 138	2.8								
10/02/72	5121 5867		8.0 1434	58 2.89 19	66 5.43 36	152 6.61 44	-- --	-- --	616 10.10	.0 .00	174 4.91	-- --	.40 --	.5 --	895*	415	3.2								
05/18/73 0755	5121 5050	80.0F 26.6C	8.2 1534	80 3.99 25	26 2.14 14	216 9.40 60	4.9 .13 1	0 .00	160 5.90 38	221 4.60 29	180 5.08 33	1.8 .03	.63 --	.3 --	981 907	307 12	5.4								
10/04/72	5121 5867		7.9 1305	108 5.39 39	28 2.30 17	138 6.00 44	-- --	-- --	342 5.61 41	283 5.89 43	81 2.28 17	.0 .00	.40 --	.5 --	870*	385	3.1								
05/23/73 1415	5121 5050		8.2 1434	143 7.14 44	53 4.36 27	109 4.74 29	4.6 .12 1	8 .00	262 4.29 26	502 10.45 54	50 1.41 9	10.8 .17 1	.72 --	.6 --	1086 1002	575 361	2.0								E
05/23/73 1500	5121 5050		8.0 1019	71 3.54 34	36 2.96 28	91 3.96 38	3.7 .09 1	0 .00	227 3.72 36	230 4.79 46	89 1.95 19	.0 .00	.31 --	.3 --	679 613	325 139	2.2								
SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA																									
06/13/73 0900	5050 5050	76.0F 24.4C	8.0 1983	177 8.83 40	44 3.62 16	220 9.57 43	5.2 .13 1	0 .00	232 3.80 17	784 16.32 74	59 1.66 8	16.0 .26 1	.57 --	.7 --	1536 1420	623 433	3.8								E
06/18/73	5411 5867		7.3 1968	182 9.08 40	50 4.11 18	220 9.57 42	-- --	-- --	268 4.39 20	760 15.82 71	63 1.78 8	17.0 .27 1	.40 --	.5 --		680		3.7							
06/06/73 1705	5121 5050	74.0F 23.3C	8.2 1161	66 3.29 27	13 1.07 9	173 7.53 63	3.3 .08 1	0 .00	203 3.33 28	341 7.10 59	54 1.52 13	2.5 .04	.59 --	.7 --	792 753	218 52	5.1								
10/06/72	5411 5867		7.3 1857	218 10.88 49	62 5.10 23	148 6.44 29	-- --	-- --	311 5.10	744 15.49	68 1.92	-- --	.88 --	.8 --		800		2.3							
06/13/73 0700	5050 5050	65.0F 18.3C	7.9 1706	177 8.83 45	63 5.18 26	128 5.57 28	3.8 .10 1	0 .00	324 5.31 27	578 12.03 62	71 2.00 10	6.6 .11 1	.88 --	.9 --	1326 1188	701 435	2.1								E
05/20/73 0800	5121 5050	60 F 16 C	8.1 758	95 4.74 57	30 2.47 30	25 1.09 13	1.5 .04 1	0 .00	200 3.28 39	238 4.96 59	5.0 .14 2	.0 .00	.04 --	.4 --	540 493	361 197	0.6								E
SISAR HYDRO SUBAREA																									
10/03/72	5121 5867		7.8 730	94 4.69 60	24 1.97 25	26 1.13 15	-- --	-- --	256 4.20 53	154 3.21 41	12 .34 4	10.0 .16 2	.10 --	.5 --	535*	335	0.6								E
SESPE HYDRO SUBUNIT FILLMORE HYDRO SUBAREA																									
06/14/73 1330	5050 5050	66.0F 18.9C	8.5 1339	142 7.09 45	52 4.28 29	100 4.35 27	4.8 .12 1	3.5 .12 1	279 4.57 63	475 9.89 83	28 .79 5	19.0 .31 2	.72 --	1.8 --	1038 962	588 334	1.8								E

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	MGCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR		
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT SESPE HYDRO SUBUNIT FILLMORE HYDRO SUBAREA																			
09/10/73	5411 5867			7.4	1888	192 9.58 42	78 6.41 28	160 6.96 30	--	--	333 5.46 24	680 14.16 63	86 2.43 11	22.0 .35 2	1.00	.8 --		800	2.5
09/06/73	5411 5867			7.2	1586	165 8.23 43	68 5.39 29	125 5.44 28	--	--	315 5.16 27	578 12.03 63	49 1.38 7	31.0 .50 3	1.00	.7 --		695	2.1
05/10/73	5411 5867			7.5	837	100 4.99 57	28 2.30 26	35 1.32 17	--	--	290 4.75 55	666 3.46 40	13 .37 4	.0 .00	.20	.7 --		365	0.8
06/14/73 1200	5050 5050		68.0F 20.0C	7.9	1133	132 6.39 52	35 2.88 23	74 3.22 25	.8 .02	0 .00	215 3.52 28	362 7.54 59	34 .96 8	48.0 .77 6	.11 --	.8 792	475 298	1.5	E
06/14/73 1230	5050 5050		66.0F 18.9C	8.4	1490	150 7.49 44	64 5.26 31	99 4.31 25	3.2 .08	1.2 .04	282 4.62 27	493 10.26 61	55 1.55 9	30.0 .48 3	.89 --	1.0 1035	639 405	1.7	E
06/14/73 1500	5050 5050		68.0F 20.0C	7.7	1867	128 6.39 29	76 6.25 28	213 9.27 42	5.4 .14	0 .00	166 2.72 12	823 17.13 77	78 2.20 10	20.0 .32 1	.84 --	.9 1426	632 496	3.7	E
06/14/73 1400	5050 5050		63.0F 17.2C	8.1	1328	115 5.74 38	56 4.61 30	111 4.83 32	4.8 .12	0 .00	159 2.61 17	530 11.03 72	49 1.38 9	14.0 .23 2	.74 --	1.1 959	516 387	2.1	E
05/29/73	5411 5867			7.3	1210	140 6.99 51	44 3.62 26	72 3.13 23	--	--	226 3.70 27	450 9.37 67	23 .65 5	12.0 .19 1	.70	.9 --		530	1.4
05/29/73	5411 5867			7.4	1136	116 5.79 47	39 3.21 26	77 3.35 27	--	--	220 3.61 30	372 7.75 64	26 .73 6	5.0 .08 1	.80	.9 --		450	1.6
06/06/73 1245	5121 5867		64.0F 17.8C	8.4	559	46 2.30 44	8.0 .66 13	51 2.22 43	.5 .01	5.0 .17	100 1.64 31	156 3.25 62	7.0 .20 4	.0 .00	40.0 --	.9 363	370*	150 58	1.8
06/06/73 1240	5121 5867			8.4	1408	7.0 .35 2	3.0 .25 2	310 13.49 96	1.0 .03	9.0 .30	417 6.83 47	324 6.75 47	10 .28 2	15.0 .24 2	35.0 --	.9 919	1070*	29 0	24.7
06/06/73 1220	5121 5867			8.7	1580	.0 .00 1	2.0 .16 1	370 16.10 99	1.0 .03	29 .97	419 6.87 6	370 7.70 47	24 .68 4	.0 .00	3.60 --	3.6 1006	1208*	10 0	56.1
06/28/73 1300	5121 5867			8.8	1332	.0 .00 1	2.0 .16 1	305 13.27 99	1.0 .03	29 .97	380 6.23 46	286 5.95 44	15 .42 3	.0 .00	3.10 --	3.7 828	1000*	8 0	46.3
06/06/73 1340	5121 5867		67.0F 19.4C	8.7	1618	.0 .00 1	2.0 .16 1	370 16.10 99	1.0 .03	25 .83	426 6.98 43	380 7.91 48	24 .68 4	.0 .00	3.70 --	4.0 1015	1213*	10 0	56.1
06/28/73 1215	5121 5867			7.8	709	40 2.00 27	19 1.56 21	85 3.70 51	1.0 .03	0 .00	189 3.10 44	182 3.79 54	6.0 .17 2	.0 .00	.50 --	1.5 488*	488*	180 23	2.8
UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA																			
03/19/73 0900	1101 1101		56 F 13 C	7.8	649	50 2.50 36	26 2.14 31	49 2.13 31	4.0 .10	0 1	256 4.20 61	65 1.35 28	48 1.35 20	.0 .00	.00	.4 .1	231 22	1.4	
03/19/73 0835	1101 1101		70 F 21 C	7.9	826	90 4.49 49	25 2.06 22	59 2.57 28	3.0 .08	0 1	173 2.84 32	243 5.06 57	33 .93 11	.0 .00	.05	.4 .2	538 186	327 186	1.4
03/19/73 0800	1101 1101			7.9	1110	107 5.34 44	30 2.47 20	99 4.31 35	4.0 .10	0 1	207 3.39 28	368 7.66 63	40 1.13 9	.0 .00	.00	.5 1.3	390 751	390 221	2.2



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																							
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	B	F	TDS SUM	TH MCH	SAP					
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA																							
03/21/73	1101	64	F		64	16	70	3.0	0	265	.90	49	3.2	.00	.6		286						
	1101	18	C	7.8	703	3.19	1.32	3.05	.00	4.34	1.67	1.38	.05		.1		426	9	2.0				
					42	17	40	1		57	24	18	1										
03/21/73	1101	50	F		87	23	71	3.0	0	307	.112	73	--	.00	.7		311						
	1101	10	C	8.0	853	4.34	1.89	3.09	.00	5.03	2.33	2.06			.6		521	40	1.8				
					46	20	33			53	25	22											
03/21/73	1101	58	F		3.0	2.0	200	1.0	15	143	.119	120	.0	.00	10.0		15						
	1101	14	C	8.8	935	.15	.16	8.70	.03	2.34	2.48	3.38	.00		.5		531	0	22.0				
					2	2	96		6	27	29	39											
03/21/73	1101	68	F		45	12	177	1.0	0	245	.175	124	.0	.05	.7		141						
	1101	20	C	8.1	1090	2.25	.99	7.70	.03	4.02	3.64	3.50	.00		.1		655	0	6.1				
					21	9	70			36	33	31											
03/22/73	1101	62	F		96	45	100	3.0	0	447	.162	69	24.5	.00	.6		424						
	1101	17	C	7.6	1140	4.79	3.70	4.35	.00	7.33	3.37	1.95	.40		.1		719	58	2.1				
					37	29	34	1		56	26	15	3										
03/22/73	1101	65	F		60	32	72	2.0	0	317	.99	43	15.2	.00	.7		281						
	1101	18	C	7.6	797	2.99	2.63	3.13	.05	5.20	2.06	1.21	.25		.1		479	21	1.9				
					34	30	36			60	24	14	3										
03/21/73	1101				80	32	133	2.0	0	422	.151	69	32.0	.00	.9		331						
	1101			7.4	1130	3.99	2.63	5.79	.05	6.92	3.14	1.95	.52		.1		707	0	3.2				
					32	21	46			55	25	16	4										
03/23/73	1101	55	F		29	13	122	1.0	0	278	.61	56	9.0	.00	.7		125						
	1101	13	C	8.4	732	1.45	1.07	5.31	.03	4.56	1.27	1.58	.15		.1		428	0	4.7				
					18	14	68			60	17	21	2										
03/21/73	1101	55	F		89	22	66	3.0	0	318	.91	70	16.4	.00	.6		312						
	1101	13	C	7.9	855	4.44	1.81	2.87	.00	5.21	1.89	1.97	.26		.1		514	52	1.6				
					48	20	31	1		56	20	21	3										
03/26/73	1101	60	F		122	33	77	4.0	0	420	.115	74	59.6	.00	.6		440						
	1101	16	C	7.3	1080	6.09	2.71	3.35	.10	6.88	2.39	2.09	.96		.2		691	96	1.6				
					50	22	27	1		56	19	17	8										
03/19/73	1101	63	F		82	21	58	4.0	0	316	.95	35	22.4	.00	.5		291						
	1101	17	C	7.7	765	4.09	1.73	2.52	.10	5.18	1.98	.99	.36		.1		473	32	1.5				
					48	20	30	1		61	23	12	4										
03/19/73	1101	66	F		95	27	70	4.0	0	359	.102	58	38.0	.00	.5		348						
	1101	19	C	7.7	917	4.74	2.22	3.05	.10	5.88	2.12	1.64	.61		.1		571	54	1.6				
					47	22	30	1		57	21	16	6										
03/19/73	1101	64	F		62	35	54	4.0	0	307	.88	55	12.4	.00	.6		298						
	1101	18	C	7.4	786	3.09	2.88	2.35	.10	5.03	1.83	1.55	.20		.1		461	47	1.4				
					37	34	28	1		58	21	18	2										
03/19/73	1101	62	F		86	23	58	4.0	0	304	.88	67	9.6	.00	.7		309						
	1101	17	C	7.7	822	4.29	1.89	2.52	.10	4.98	1.83	1.89	.15		.1		485	60	1.4				
					49	21	29	1		56	21	21	2										
03/26/73	1101	61	F		88	23	58	3.0	0	304	.87	68	10.0	.00	.6		314						
	1101	16	C	7.5	808	4.39	1.89	2.52	.08	4.98	1.81	1.92	.16		.1		487	65	1.4				
					49	21	28	1		56	20	22	2										
03/19/73	1101	61	F		120	33	47	5.0	0	316	.219	32	16.4	.00	.6		435						
	1101	16	C	7.3	952	5.99	2.71	2.04	.13	5.18	4.56	.90	.26		.1		628	176	1.0				
					55	25	19	1		48	42	8	2										
03/26/73	1101	50	F		6.0	1.0	169	1.0	29	325	.27	37	.0	.00	1.3		19						
	1101	10	C	8.7	712	.30	.08	7.35	.03	5.33	.56	1.84	.00		.2		430	0	16.8				
					4	1	95			12	67	13											
03/23/73	1101	54	F		96	32	79	5.0	0	226	.265	54	3.8	.00	1.1		371						
	1101	12	C	7.6	990	4.79	2.63	3.44	.13	3.70	5.52	1.52	.06		.2		646	186	1.8				
					44	24	31	1		34	51	14	1										
03/22/73	1101	60	F		96	42	87	3.0	0	359	.159	74	59.6	.00	.6		412						
	1101	16	C	7.6	1080	4.79	3.45	3.78	.08	5.88	3.31	2.09	.96		.2		697	118	1.9				
					40	29	31	1		48	27	17	8										
03/23/73	1101	44	F		80	35	63	2.0	0	309	.165	36	7.2	.00	.9		343						
	1101	7	C	7.8	850	3.99	2.88	2.74	.05	5.06	3.44	1.02	.12		.1		540	91	1.5				
					41	30	28	1		52	36	11	1										

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REV
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM	TN NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEJAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA																		
06/06/73 0715	5050 5050	63.0F 17.2C	S 7.9	774	87 4.34 46	28 2.30 25	41 2.65 28	2.4 .06 1	0 .00	218 3.57 39	234 4.87 53	24 .68 7	5.6 .09 1	.25 --	.7	588 549	331 154	E 1.5
03/23/73 1035	1101 1101	62 F 17 C	F 7.5	877	85 4.24 43	24 1.97 20	80 3.48 36	4.0 .10 1	0 .00	315 5.16 54	128 2.46 28	48 1.35 14	29.0 .47 5	.00 .1	.6	553	311 53	2.0
03/19/73 1025	1101 1101	71 F 22 C	F 7.7	729	68 3.39 43	14 1.15 15	73 3.18 41	3.0 .08 1	0 .00	219 3.59 46	164 3.41 44	26 .73 9	2.4 .04 1	.00 .1	.5	458	227 48	2.1
06/06/73 0800	5050 5050	74.0F 23.3C	S 8.0	723	33 1.65 21	6.7 .55 7	128 5.57 71	1.8 .05 1	0 .00	220 3.61 48	101 2.10 28	65 1.83 24	.8 .01	.24 --	.7	418 445	110 0	5.3
03/19/73 0945	1101 1101	72 F 22 C	F 8.0	724	48 2.40 32	8.0 .66 9	100 4.35 58	3.0 .08 1	0 .00	241 3.95 53	95 1.98 26	56 1.58 21	.0 .00	.00 .0	.3	428	152 0	3.5
03/26/73	1101 1101	65 F 18 C	F 7.5	436	49 2.45 53	7.0 .58 13	35 1.52 33	3.0 .08 2	0 .00	213 3.49 72	20 .42 9	26 .73 15	14.4 .23 5	.00 .1	.4	259	151 0	1.2
03/23/73 0935	1101 1101	65 F 18 C	F 7.7	1370	139 6.94 43	50 4.11 25	116 5.05 31	5.0 .13 1	0 .00	368 6.03 38	383 7.97 50	67 1.89 12	8.0 .13 1	.05 1.7	.8	951	552 251	2.1
03/23/73 1000	1101 1101	70 F 21 C	F 8.2	3470	13 .65 2	4.0 .33 1	795 34.58 97	3.0 .08	0 .00	350 5.74 16	879 18.30 52	386 10.89 31	.2 .00	.00 2.4 .1	2.4	2252	48 0	49.5
03/21/73 1350	1101 1101	50 F 10 C	F 7.8	931	86 4.29 41	30 2.47 23	86 3.74 36	1.0 .03	0 .00	441 7.23 70	70 1.46 14	44 1.24 12	20.7 .33 3	.00 .1	.9	555	338 0	2.0
03/22/73 1405	1101 1101	58 F 14 C	F 7.7	740	55 2.74 33	38 3.13 38	52 2.26 28	2.0 .05 1	0 .00	349 5.72 70	63 1.31 16	40 1.13 14	4.6 .07 1	.00 .1	.7	426	293 8	1.3
03/22/73 1540	1101 1101	52 F 11 C	F 7.6	1560	81 4.04 23	58 4.77 27	200 8.70 49	3.0 .08	0 .00	425 6.97 40	363 7.56 43	106 2.99 17	6.9 .11 1	.00 1.0 .1	1.0	1027	441 92	4.1
03/26/73	1101 1101	64 F 18 C	F 7.5	882	83 4.14 41	39 3.21 32	64 2.78 27	2.0 .05	0 .00	313 5.13 52	175 3.64 37	36 1.02 10	3.5 .06 1	.75 2.2	1.0	559	367 111	1.5
03/23/73 0825	1101 1101	45 F 7 C	F 7.7	1040	83 4.14 35	42 3.45 29	94 4.09 35	3.0 .08 1	0 .00	241 3.95 35	285 5.93 52	55 1.55 14	.0 .00	.00 1.0 .1	1.0	681	380 182	2.1
03/22/73	1101 1101	55 F 13 C	F 7.6	384	43 2.15 53	9.0 .74 18	25 1.09 27	4.0 .10 2	0 .00	167 2.74 66	27 .56 13	25 .71 17	9.1 .15 4	.00 .1	.7	224	144 8	0.9
03/22/73 1320	1101 1101	45 F 7 C	F 7.8	1340	77 3.84 27	78 6.41 45	86 3.74 26	6.0 .15 1	0 .00	393 6.44 45	37 .77 5	147 4.15 29	193 3.11 21	.00 1.1	1.0	818	513 191	1.7
03/22/73 1225	1101 1101	52 F 11 C	F 7.3	469	44 2.20 45	15 1.23 25	33 1.44 29	2.0 .05 1	0 .00	213 3.49 68	41 .85 17	26 .73 14	3.6 .06 1	.00 1.0	.4	271	171 0	1.1
03/23/73	1101 1101	64 F 18 C	F 7.5	735	88 4.39 53	21 1.73 21	47 2.04 25	4.0 .10 1	0 .00	315 5.16 61	98 2.04 24	34 .96 11	15.5 .25 3	.00 .0	.6	442	306 48	1.2
03/22/73	1101 1101	54 F 12 C	F 7.1	398	43 2.15 55	10 .82 21	20 .87 22	3.0 .08 2	0 .00	163 2.67 65	39 .81 20	20 .56 14	5.6 .09 2	.00 .1	.5	221	148 15	0.7
03/22/73	1101 1101	63 F 17 C	F 7.4	361	38 1.90 50	9.0 .74 19	26 1.13 30	2.0 .05 1	0 .00	161 2.64 70	37 .77 20	12 .34 9	2.7 .04 1	.00 .1	.5	206	131 8	1.0

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	U	F	T	P	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REMARKS
							CA	MG	NA	K	CO3	MG	CL	NO3	SI	SO4	NO3	SI	SO4	NO3		
LOS ANGELES DRAINAGE PROVINCE																						
SANTA CLARA-CALLEGUAS HYDRO UNIT																						
UPPER SANTA CLARA R HYDRO SUBUNIT																						
ACTON HYDROLOGIC SUBAREA																						
03/22/73	1101	U-03	1101	57	F		60	13	35	2.0	0	213	65	28	5.6	.00	.5		203			
	1101	U-03.E	1101	14	C	7.2	529	2.99	1.07	1.52	.05	.00	3.49	1.35	.79	.09	.1	313	29	1.1		
		U-03.E5					53	19	27	1		61	24	14	2							
03/22/73	1101	04N/13W-15A01	1101	45	F		72	20	44	2.0	0	205	80	30	8.1	.00	.5		262			
	1101		1101	7	C	7.0	624	3.59	1.64	1.91	.05	.00	4.34	1.67	.85	.13	.1	387	45	1.2		
							50	23	27	1		62	24	12	2							
03/22/73	1101	04N/14W-11P01	1101	56	F		95	26	59	2.0	0	340	117	53	.0	.06	.6		344			
	1101		1101	13	C	7.7	838	4.74	2.14	2.57	.05	.00	5.57	2.44	1.49	.00	.5	520	66	1.4		
							50	23	27	1		59	26	16								
03/22/73	1101	04N/14W-15D01	1101	60	F		77	21	56	3.0	0	296	97	45	1.2	.00	.6		278			
	1101		1101	16	C	7.6	740	3.84	1.73	2.44	.08	.00	4.85	2.62	1.27	.02	.1	446	36	1.5		
							47	21	30	1		59	25	16								
03/22/73	1101	05N/12W-32F03	1101	51	F		50	16	39	3.0	0	214	59	33	7.4	.00	.8		190			
	1101		1101	11	C	7.7	530	2.50	1.32	1.70	.08	.00	3.51	1.23	.93	.12	.1	313	16	1.2		
							45	24	30	1		61	21	16	2							
03/22/73	1101	05N/13W-25C03	1101	51	F		82	20	51	2.0	0	161	138	82	23.6	.00	.6		287			
	1101		1101	11	C	7.6	770	4.09	1.64	2.22	.05	.00	2.64	2.87	2.31	.38	.1	478	155	1.3		
							51	21	28	1		32	35	28	5							
CALLEGUAS-CONEJO HYDRO SUBUNIT																						
WEST LAS POSAS HYDRO SUBAREA																						
05/21/73	5121	U-03.F	5050				148	49	153	4.6	0	263	479	138	2.6	.47	.4	1188	571	E		
	0905	U-03.F1	5050			8.3	1672	7.39	4.03	6.66	.12	.00	4.31	9.97	3.89	.04	--	1104	356	2.8		
		02N/21W-01A01					41	22	37	1		24	55	21								
10/03/72	5121	02N/21W-12H01	5867				76	32	53	--	--	281	168	29	--	.20	.5	580*	320			
						8.0	872	3.79	2.63	2.31			4.61	3.50	.82	--	--			1.3		
							43	30	26													
05/21/73	5121	02N/21W-15M03	0935				66	27	109	4.7	0	318	175	47	10.0	.32	.2	620	276			
	5050		5050			8.3	969	3.29	2.22	4.74	.12	.00	5.21	3.64	1.33	.16	--	595	15	2.9		
							32	21	46	1		50	35	13	2							
10/05/72	5121	02N/21W-22E01	5867				120	41	118	--	--	281	365	77	.0	.40	.5	973*	470	E		
						7.8	1371	5.99	3.37	5.13			4.61	7.60	2.17	.00	--	--		2.4		
							41	23	35			32	53	15								
EAST LAS POSAS HYDRO SUBAREA																						
06/06/73	5121	U-03.F2	5050				103	33	102	2.0	0	289	251	58	39.6	.27	.4	777	393			
	1525	02N/19W-06N03	5050			8.0	1138	5.14	2.71	4.44	.05	.00	4.74	5.23	1.64	.64	--	731	156	2.2		
							42	22	36			39	43	13	5							
05/18/73	5121	02N/20W-04F01	1325				62	18	33	3.1	0	209	115	11	.0	.07	.2	388	229			
	5050		5050			8.1	577	3.09	1.48	1.44	.08	.00	3.43	2.39	.31	.00	--	345	57	0.9		
							51	24	24	1		56	39	5								
05/31/73	5121	02N/20W-06N01	1205				73.0F	55	29	59	4.3	0	188	207	17	.3	.11	.6	524	256	E	
	5050		5050			8.0	737	2.74	2.38	2.57	.11	.00	3.05	4.31	.48	.00	--	463	104	1.6		
							35	31	33	1		39	55	6								
06/12/73	5050	02N/20W-08N01	1300				74.0F	59	15	40	2.2	0	189	95	26	5.8	.62	.5	368	210		
	5050		5050			8.0	572	2.94	1.23	1.74	.06	.00	3.10	1.98	.73	.09	--	337	54	1.2		
							49	21	29	1		53	34	12	2							
05/29/73	5121	02N/20W-09F01	1235				78.0F	61	13	39	2.3	0	197	108	14	.1	.11	.5	357	206		
	5050		5050			8.2	552	3.04	1.07	1.70	.06	.00	3.23	2.25	.39	.00	--	334	44	1.2		
							52	18	29	1		55	38	7								
05/29/73	5121	02N/20W-09J02	1200				76.0F	98	35	72	2.7	0	121	287	86	33.6	.21	.5	765	389	E	
	5050		5050			7.7	1031	4.89	2.88	3.13	.07	.00	1.98	5.98	2.40	.54	--	673	389	1.6		
							45	26	29	1		18	55	22	5							
06/12/73	5050	02N/20W-09Q01	1230				75.0F	132	46	148	4.4	0	208	442	140	1.6	.59	.6	1129	514	E	
	5050		5050			7.9	1571	6.59	3.70	6.44	.11	.00	3.41	9.20	3.95	.03	--	1016	344	2.8		
							39	22	38	1		21	55	24								
06/12/73	5050	02N/20W-10D02	1200				75.0F	64	16	33	1.5	0	194	66	33	26.0	.00	.3	303	224		
	5050		5050			7.7	587	3.19	1.32	1.44	.04	.00	3.18	1.37	.93	.42	--	335	67	1.0		
							53	22	24	1		54	23	14	7							
03N/19W-19K02																						
05/31/73	5121		5050				40	12	23	4.1	0	129	82	12	.0	.01	.4	193	150			
	1345		5050			7.5	419	2.00	.99	1.00	.10	.00	2.11	1.71	.34	.00	--	237	44	0.8		
							49	24	24	2		51	41	8								



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR					
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT EAST LAS POSAS HYDRO SUBAREA																							
06/12/73 0930	5050	68.0F 20.0C	7.4	460	47 50	17 30	20 19	2.4 .06	0 1	159 55	85 1.77	11 38	1.0 .02	.00	.5 --	227 262	100 97	0.6					
03N/19W-19N03 S																							
06/05/73 1425	5121 5050		7.3	362	32 49	6.0 .49	27 15	1.0 1.17	0 .03	110 1.00	13 .27	26 .73	32.0 .52	.03	.4 --	163 191	106 15	1.1					
03N/19W-29E03 S																							
06/12/73 0900	5050	70.0F 21.1C	7.1	338	29 47	5.5 .45	26 15	1.1 1.13	0 .03	99 1.62	6.7 .14	26 .73	36.0 .58	.00	.4 --	173 179	95 14	1.2					
03N/19W-29F07 S																							
06/07/73 1245	5121 5050	73.0F 22.8C	7.1	321	26 43	6.0 .49	27 16	1.0 1.17	0 .03	95 1.56	10 .21	26 .73	29.0 .47	.03	.4 --	163 172	89 12	1.2					
03N/19W-30Q02 S																							
06/12/73 1100	5050	78.0F 25.5C	7.7	565	61 51	15 21	37 27	2.7 .07	0 1	182 2.98	112 2.33	19 .54	.5 .01	.00	.4 --	325 337	213 65	1.1					
03N/19W-31E01 S																							
06/05/73 1600	5121 5050		7.8	1526	72 23	33 2.71	216 9.40	5.3 .14	0 .00	210 3.44	424 8.83	112 3.16	.0 .00	1.55	1.0 --	941 967	313 143	5.3					
03N/19W-32A01 S																							
06/05/73 1350	5121 5050		7.7	998	95 45	28 2.30	76 3.31	4.2 .11	0 .00	224 3.67	263 5.48	44 1.24	.0 .00	.36	.7 --	574 621	350 169	1.8					
03N/19W-32D01 S																							
06/05/73 1400	5121 5050		8.0	1423	.0 .00	.0 .00	333 14.49	.6 .02	0 .00	301 4.93	423 8.81	18 .51	.0 .00	.12	.7 --	544 923	0	0.0					
03N/20W-23I01 S																							
06/12/73 1000	5050	73.0F 22.8C	7.9	484	49 49	17 1.40	25 1.09	3.8 .10	0 .00	182 2.98	72 1.50	14 .39	5.5 .09	.00	.4 --	226 276	191 44	0.8	T				
03N/20W-24R01 S																							
06/07/73 1310	5121 5050	76.0F 24.4C	7.7	572	64 54	14 1.15	34 1.48	2.8 .07	0 .00	179 2.93	112 2.33	19 .54	.2 .00	.10	.4 --	299 334	216 71	1.0					
03N/20W-25H01 S																							
06/05/73 1320	5121 5050		7.7	1579	141 39	62 5.10	127 5.52	8.4 .21	0 .00	204 3.34	641 13.35	27 .76	8.4 .14	.32	.8 --	1162 1115	620 440	2.2	E				
03N/20W-26G03 S																							
05/31/73 1340	5121 5050	74.0F 23.3C	7.9	671	63 47	18 1.48	48 2.09	1.6 .04	0 .00	258 4.23	12 .25	54 1.52	41.0 .66	.12	1.1 --	309 365	232 20	1.4					
03N/20W-27M01 S																							
06/05/73 1245	5121 5050		7.7	514	42 42	14 1.15	41 1.78	1.2 .03	0 .00	209 3.43	11 .23	34 .96	21.0 .34	.10	1.4 --	210 267	164 0	1.4	T				
03N/20W-28J02 S																							
05/31/73 1235	5121 5050	74.0F 23.3C	8.0	736	92 56	22 1.81	38 1.65	3.7 .09	0 .00	286 4.69	137 2.85	18 .51	.0 .00	.09	.7 --	414 451	318 86	0.9					
03N/20W-29K01 S																							
06/05/73 1320	5121 5050		7.8	568	61 52	13 1.07	39 1.70	1.6 .04	0 .00	197 3.23	96 2.00	21 .59	2.4 .04	.09	.4 --	270 331	198 44	1.2	T				
U-03.F3 ARROYO SANTA ROSA HYDRO SUBAREA																							
10/01/72 5867	5121 5867		8.0	997	44 22	57 4.69	73 3.18	-- 32	--	366 6.00	91 1.89	87 2.45	--	.10	.5 --	625 345	345	1.7					
02N/19W-19J04 S																							
10/02/72 5867	5121 5867		8.0	1517	102 31	94 7.73	80 3.48	-- 21	--	439 7.20	245 5.10	127 3.58	34.0 .55	.30	.4 --	1055 640	640	1.4					
02N/19W-19P01 S																							
05/21/73 1055	5121 5050		8.2	899	51 27	53 4.36	60 2.61	1.3 .03	0 .00	322 5.28	86 1.79	55 1.55	61.0 .98	.17	.1 --	602 526	345 81	1.4					
02N/19W-20K01 S																							
05/18/73 0940	5121 5050	67.0F 19.4C	8.1	644	42 33	19 1.56	62 2.70	3.3 .08	0 .00	135 2.21	123 2.56	56 1.58	1.6 .03	.29	.3 --	400 374	183 73	2.0					
02N/19W-21H01 S																							

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																											
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM					
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR										
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT ARROYO SANTA ROSA HYDRO SUBAREA																											
06/07/73 1200	5121 5050	74.0F 23.3C	8.3 780	35 1.75 22	46 3.78 47	98 2.52 31	1.2 .03 .00	0 .00 .00	232 3.80 47	77 1.60 20	96 2.71 33	.0 .00 .00	.18 --	.4 --	507 427	277 87	1.5										
10/03/72	5121 5867		8.0 1244	64 3.19 24	68 5.59 43	99 4.31 33	-- --	-- --	342 5.61 43	202 4.21 32	118 3.33 25	.0 .00 .00	.30 --	.6 --	790*	440	2.1										
10/04/72	5121 5867		7.8 1092	44 2.20 21	57 4.69 44	84 3.65 35	-- --	-- --	336 5.51	82 1.71	121 3.41	-- .10	.6 --	635*	345	2.0											
10/02/72	5121 5867		7.9 913	48 2.40 26	49 4.03 43	67 2.91 31	-- --	-- --	348 5.70 60	77 1.60 17	79 2.23 23	.0 .00 .00	.10 --	.5 --	545*	320	1.6										
05/21/73 1120	5121 5050		8.3 1454	90 4.49 30	81 6.66 44	91 3.96 26	1.1 .03 .00	0 .00 .00	355 5.82 38	92 1.92 13	150 4.23 28	200 3.23 21	.27 --	.1 --	907 880	558 267	1.7										
10/04/72	5121 5867		7.8 1630	114 5.69 32	88 7.24 41	113 4.92 28	-- --	-- --	421 6.90 39	293 6.10 34	152 4.29 24	37.0 .60 3	.50 --	.5 --	1120*	645	1.9										
06/12/73 1400	5050 5050	66.0F 18.9C	8.1 1129	74 3.69 30	55 4.52 37	90 3.92 32	2.5 .06 .00	0 .00 .00	265 4.34 36	217 4.52 38	105 2.96 25	8.6 .14 1	.36 --	.5 --	678 683	413 194	1.9										
06/12/73 1445	5050 5050	69.0F 20.5C	8.2 1541	99 4.94 28	81 6.66 38	131 5.70 33	1.4 .04 .00	0 .00 .00	394 6.46 38	298 6.20 36	144 4.06 24	25.0 .40 2	.50 --	.5 --	1010 974	581 257	2.4										
05/21/73 1130	5121 5050		8.5 1520	101 5.04 31	89 7.32 45	85 3.78 23	1.3 .03 .50	15 3 .00	351 5.75 36	115 2.39 15	199 5.61 35	120 1.94 12	.18 --	.2 --	1000 898	618 306	1.5										
10/01/72	5121 5867		7.6 893	54 2.69 30	52 4.28 48	47 2.04 23	-- --	-- --	268 4.39 48	134 2.79 30	65 1.83 20	12.0 .19 2	.10 --	.5 --	680*	350	1.1										E
05/30/73 0900	5121 5050		8.3 1187	67 3.34 25	90 7.40 54	65 2.83 21	1.3 .03 .00	0 .00 .00	371 6.08 45	183 3.81 28	105 2.96 22	49.8 .80 6	.14 --	.4 --	874 744	537 233	1.2										E
06/12/73 0700	5050 5050		7.8 652	30 1.50 23	18 1.48 22	83 3.61 55	1.0 .03 .00	0 .00 .00	213 3.49 54	51 1.86 16	69 1.95 30	.1 .00 .00	.24 --	.6 --	314 357	150 0	3.0										
05/30/73 0815	5121 5050		7.8 2306	224 11.18 40	95 7.81 28	204 8.87 32	5.0 .13 .00	0 .00 .00	231 3.79 14	922 19.20 70	163 4.60 17	.0 .00 .00	1.06 --	.6 --	1859 1728	950 761	2.9										E
10/06/72 1300	5121 5867		7.8 1682	156 7.78 38	95 7.81 38	113 4.92 24	-- --	-- --	439 7.20	562 11.70	60 1.69	-- .10	.4 --	-- --	1330	780	1.8										E
10/11/72 1400	1101 1101		7.8 3440	63 3.14 8	20 1.64 4	786 34.19 88	3.0 .08 .00	0 .00 .00	915 15.00 38	1104 22.99 58	59 1.66 4	9.9 .16 .00	.00 --	-- --	2495	239 0	22.1										
10/11/72 1311	1101 1101		10.0 884	6.0 .30 3	.0 .00 3	190 8.27 96	1.0 .03 .70	21 .00 .00	-- 5.60	269 .87	31 .00	.0 .00	.00 --	-- --		14	21.4										
10/11/72 1300	1101 1101		7.7 1520	125 6.24 36	28 2.30 13	197 8.57 50	2.0 .05 .00	0 .00 .00	413 6.77 39	398 8.29 47	88 2.48 14	.0 .00 .00	.00 --	-- --	1041	427 89	4.1										

### MINERAL ANALYSES OF GROUND WATER

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TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																													
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM					
				CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR												
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA																													
06/07/73	1101	72 F		85	28	86	5.0	0	328	39	157	.0	.00	.4											327				
1015	1101	22 C	7.7 1020	4.24	2.30	3.74	.13	.00	5.38	.81	4.43	.00		1.3										563	58	2.1			
				41	22	36	1		51	8	42																		
06/06/73	1101	75 F		40	13	60	5.0	0	303	.0	31	.0	.00	.3											153				
0900	1101	24 C	7.7 545	2.00	1.07	2.61	.13	.00	4.97	.00	.87	.00		.0										298	0	2.1			
				34	18	45	2		85		15																		
06/06/73	1101	72 F		56	16	54	2.0	0	249	54	37	.0	.10	.4											205				
0925	1101	22 C	7.9 598	2.79	1.32	2.35	.05	.00	4.08	1.33	1.04	.00		1.0										353	2	1.6			
				43	20	36	1		63	21	16																		
07/24/73	5050	72.0F		218	74	202	7.8	0	63	54	836	.2	.56	.3										1778	849				
5050	5050	22.2C	7.0 2965	10.88	6.09	8.79	.20	.00	1.03	.12	23.58	.00		--										1424	798	3.0			
				42	23	34	1		4	4	92																		
05/21/73	1101	70 F		54	11	41	2.0	0	246	46	28	.0	.00	.5											180				
1545	1101	21 C	7.9 510	2.69	.90	1.78	.05	.00	4.03	.96	.79	.00		.0										303	0	1.3			
				50	17	33	1		70	17	14																		
06/06/73	1101	78 F		41	11	45	3.0	0	230	32	26	.0	.00	.4											147				
0945	1101	26 C	7.9 479	2.05	.90	1.96	.08	.00	3.77	.67	.73	.00		.0										271	0	1.6			
				41	18	39	2		73	13	14																		
05/16/73	5050	68 F		38	31	94	7.9	0	179	13	187	3.8	.17	.4											499	222			
1910	5050	20 C	8.2 920	1.90	2.55	4.09	.20	.00	2.93	.27	5.27	.06		--										463	76	2.7			
				22	29	47	2		34	3	62	1																	
05/21/73	1101	73 F		80	22	83	5.0	0	262	58	153	.0	.05	.5											290				
1025	1101	23 C	7.8 965	3.99	1.81	3.61	.13	.00	4.29	1.21	4.31	.00		2.1										532	76	2.1			
				42	19	38	1		44	12	44																		
05/21/73	1101	66 F		90	27	71	5.0	0	270	14	180	.0	.00	.4											335				
1055	1101	19 C	7.7 973	4.49	2.22	3.09	.13	.00	4.43	.29	5.08	.00		.0										520	114	1.7			
				45	22	31	1		45	3	52																		
05/21/73	1101	69 F		50	14	51	3.0	0	255	.0	67	.0	.00	.3											182				
1515	1101	21 C	7.5 580	2.50	1.15	2.22	.08	.00	4.18	.00	1.89	.00		.0										310	0	1.6			
				42	19	37	1		69		31																		
06/19/73	1101	72 F		73	11	66	4.0	0	226	100	58	.0	.35	.5											227				
0900	1101	22 C	7.1 739	3.64	.90	2.87	.10	.00	3.70	2.08	1.64	.00		2.6										426	42	1.9			
				48	12	38	1		50	28	22																		
07/31/73	1101	60 F		161	24	143	6.0	0	329	298	159	.0	.00	.2											500				
0850	1101	16 C	7.9 1480	8.03	1.97	6.22	.15	.00	5.39	6.20	4.48	.00		.4										953	231	2.8			
				49	12	38	1		34	39	28																		
06/12/73	1101	77 F		23	4.0	51	2.0	0	183	4.0	25	.0	.00	.3											73				
1400	1101	25 C	8.2 358	1.15	.33	2.22	.05	.00	3.00	.08	.71	.00		.0										199	0	2.6			
				31	9	59	1		79	2	19																		
06/12/73	1101	76 F		29	6.0	47	3.0	0	211	5.0	23	.0	.00	.2											97				
0900	1101	24 C	8.2 384	1.45	.49	2.04	.08	.00	3.46	.10	.65	.00		.0										217	0	2.1			
				36	12	50	2		82	2	15																		
06/07/73	5050	75.0F		25	8.6	56	4.7	0	223	3.1	22	2.8	.00	.3											196	97			
1200	5050	23.9C	8.3 436	1.25	.71	2.44	.12	.00	3.65	.06	.62	.05		--										232	0	2.5			
				28	16	54	3		83	1	14	1																	
06/12/73	1101	78 F		20	8.0	64	3.0	0	226	3.0	33	.0	.00	.2											142				
0920	1101	26 C	8.2 442	1.00	.66	2.78	.08	.00	3.70	.06	.93	.00		.0										242	0	3.1			
				22	15	62	2		79	1	20																		
06/12/73	1101	80 F		21	4.0	71	3.0	0	209	8.0	38	.0	.00	.2											144				
0910	1101	27 C	7.9 442	1.05	.33	3.09	.08	.00	3.43	.17	1.07	.00		.0										248	0	3.7			
				23	7	68	2		73	4	23																		
06/14/73	1101	77 F		34	6.0	68	3.0	0	213	27	45	.0	.00	.3											109				
0730	1101	25 C	8.0 509	1.70	.49	2.96	.08	.00	3.49	.56	1.27	.00		.0										288	0	2.8			
				33	9	57	2		66	11	24																		
06/12/73	1101	79 F		27	6.0	70	3.0	0	206	16	49	.0	.00	.2											142				
0805	1101	26 C	8.3 489	1.35	.49	3.05	.08	.00	3.38	.33	1.38	.00		.0										272	0	3.2			
				27	10	61	2		66	6	27																		
06/12/73	1101	78 F		20	5.0	57	2.0	0	190	.0	33	.0	.00	.3											70				
1345	1101	26 C	8.2 374	1.00	.41	2.48	.05	.00	3.11	.00	.93	.00		.0										210	0	3.0			
				25	10	63	1		77		23																		

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS SUM	TH NCH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA																			
05/07/73 1830	5050 5050	78.0F 25.5C	S 7.7 512	14 .70 13	6.7 .55 10	90 3.92 75	3.1 .08 2	0 .00	228 3.74 72	.5 .01	51 1.44 28	.4 .01	.28 --	.1 --	300 278	63 0	5.0		
05/22/73 0955	1101 1101	74 F 23 C	F 7.9 427	28 1.40 29	10 .82 17	58 2.52 52	4.0 .10 2	0 .00	243 3.98 81	9.0 .19 4	26 .73 15	.0 .00	.00 .4	.1 .1	255	111 0	2.4		
05/22/73 0815	1101 1101	79 F 26 C	F 7.5 470	32 1.60 33	10 .82 17	54 2.35 48	5.0 .13 3	0 .00	274 4.49 91	.0 .00	16 .45 9	.0 .00	.00 .3	.1 .1	252	121 0	2.1		
05/07/73 1101 1101	1101 1101	77 F 25 C	F 8.0 547	30 1.50 29	10 .82 16	66 2.87 55	2.0 .05 1	0 .00	250 4.10 73	2.0 .04 1	47 1.33 24	10.1 .16 3	-- --	.3 --	290	116 0	2.7	S	
05/21/73 0720	1101 1101	79 F 26 C	F 7.7 1330	27 1.35 10	15 1.23 9	250 10.88 80	7.0 .18 1	0 .00	407 6.67 47	.16 .33 2	251 7.08 50	.0 .00	.00 .6	.4 .4	767	129 0	9.6		
05/21/73 1355	1101 1101	70 F 21 C	F 7.9 320	20 1.00 32	6.0 .49 16	36 1.57 50	3.0 .08 3	0 .00	124 2.03 60	.32 .67 20	24 .68 20	.0 .00	.20 1.7	.5 1.7	184	74 0	1.8	S	
05/10/73 2020	5050 5050	68 F 20 C	F 7.7 560	43 2.15 37	13 1.07 19	56 2.44 42	4.1 .10 2	0 .00	230 3.77 65	23 .48 8	54 1.52 26	.6 .01	.14 --	.2 --	316 307	161 0	1.9		
06/07/73 1100 5050	5050 5050	70.0F 21.1C	F 8.4 606	41 2.05 35	14 1.15 20	56 2.44 42	6.2 .16 3	4.2 .14 2	219 3.59 63	15 .31 5	58 1.64 29	.4 .01	.00 --	.4 --	282 302	140 0	1.9		
05/21/73 1250	1101 1101	72 F 22 C	F 7.9 620	47 2.35 37	13 1.07 17	64 2.78 44	4.0 .10 2	0 .00	246 4.03 61	.23 .48 7	73 2.06 31	.0 .00	.00 .3	.3 .7	346	170 0	2.1		
05/21/73 1315	1101 1101	73 F 23 C	F 7.9 632	44 2.20 34	18 1.48 23	60 2.61 41	6.0 .15 2	0 .00	267 4.38 66	.0 .00	79 2.23 34	.0 .00	.00 .3	.3 .0	338	183 0	1.9		
05/21/73 0935	1101 1101	65 F 18 C	F 7.5 1000	78 3.89 35	33 2.71 25	96 4.18 38	8.0 .20 2	0 .00	431 7.06 64	16 .33 3	128 3.61 33	2.0 .03	.00 1.0	.2 1.0	574	330 0	2.3		
05/21/73 1930	1101 1101	71 F 22 C	F 7.6 1030	81 4.04 36	34 2.80 25	100 4.35 38	5.0 .13 1	0 .00	403 6.61 59	42 .87 8	135 3.81 34	.0 .00	.00 .3	.3 .0	595	342 12	2.4		
05/21/73 0905	1101 1101	72 F 22 C	F 7.5 1220	94 4.69 36	45 3.70 29	100 4.35 34	8.0 .20 2	0 .00	416 6.82 52	89 1.85 14	155 4.37 34	.0 .00	.00 .4	.4 .1	696	419 79	2.1		
05/21/73 0835	1101 1101	72 F 22 C	F 7.5 1070	90 4.49 37	29 2.38 19	120 5.22 43	6.0 .15 1	0 .00	401 6.57 53	75 1.56 13	148 4.17 34	.0 .00	.05 .4	.4 .0	665	344 15	2.8		
05/21/73 0800	1101 1101	72 F 22 C	F 7.3 1470	107 5.34 33	37 3.04 19	171 7.44 47	7.0 .18 1	0 .00	423 6.93 43	190 3.96 25	182 5.13 32	.0 .00	.10 .6	.6 .0	902	419 73	3.6		
05/21/73 1115	1101 1101	68 F 20 C	F 7.5 41300	435 21.71 5	1060 87.17365 18	8400 6.65 76	260 4.09 1	0 .00	321 5.26 1	1980 41.22431 9	15300 46 90	.0 .00	.00 1.8	.0 .0	27593	5449 5185	49.5		
05/11/73 2015	5050 5050	68 F 20 C	F 7.4 29940	422 21.06 6	815 67.03261 19	6000 1.00 74	160 4.09 1	0 .00	363 5.95 2	1322 27.52320 8	11350 97 90	8.0 .13	2.30 --	.7 --	21375 20258	4403 4110	39.3	E	
SANTA MONICA HYDRO SUBAREA																			
06/12/73 1430	1101 1101	69 F 21 C	F 7.7 936	82 4.09 42	39 3.21 33	57 2.48 25	2.0 .05 1	0 .00	261 4.28 43	127 2.64 27	87 2.45 25	30.2 .49 5	.05 .9	.5 .9	553	365 151	1.3		
06/07/73 0755	5050 5050	67.0F 19.4C	F 7.9 877	48 2.40 28	42 3.45 42	55 2.39 29	2.7 .07 1	0 .00	173 2.84 35	152 3.16 39	65 1.83 23	14.0 .23 3	.10 --	.4 --	498 464	292 151	1.4		

TABLE E-1 (CONT.)

### MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	U	TEMP	FIELD LABORATORY PH EC	HYDRO	CONSTITUENTS IN				MILLIGRAMS PER LITER EQUIVALENTS PER LITER PERCENT REACTANCE					MILLIGRAMS PER LITER					REM	
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR		
						LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA															
06/12/73 1425	1101 1101	U-05 U-05.A U-05.A3 01S/15W-33K01	S 69 21	F C	7.4	1200	113 5.64 43	53 4.36 33	72 3.13 24	2.0 .05	0 .00	336 5.51 42	226 4.71 36	80 2.26 17	40.0 .65 5	.00 .6 .0	.6 .0	751	500 225	1.4	
06/05/73 1005	1101 1101	02S/15W-11E05	S 71 22	F C	7.9	975	96 4.79 44	39 3.21 29	67 2.91 27	2.0 .05	0 .00	338 5.54 49	210 4.37 39	49 1.38 12	.0 .00	.00 .3	.8 .3	629	406 123	1.5	
06/07/73 1045	5050 5050	02S/15W-12B03	S 66.0F 18.9C	F C	8.1	1543	91 4.54 29	68 5.59 36	119 5.18 33	7.0 .18 1	0 .00	251 4.11 27	308 6.08 53	111 3.13 20	.0 .01	.06 --	.5 --	1012 908	506 301	2.3	
06/13/73 0800	1101 1101	U-05.A4 01S/14W-17E03	S 78 26	F C	7.9	776	25 1.25 15	12 .99 12	139 6.05 72	3.0 .08 1	0 .00	363 5.95 71	42 .87 10	52 1.47 18	3.3 .05 1	.00 .6 .0	.6 .0	455	111 0	5.7	
03/29/73	1101 1101	U-05.A5 02N/14W-23H02	S 70 21	F C	8.6	720	78 3.89 53	16 1.32 18	46 2.07 20	3.0 .08 1	0 .00	246 4.03 55	95 1.98 27	42 1.18 16	12.0 .19 3	-- --	.4 --	413	262 59	1.2	
05/09/73 0910	1101 1101	01S/12W-33P02	S 74 23	F C	7.5	716	48 2.40 34	17 1.40 20	74 3.22 46	2.0 .05 1	0 .00	180 2.95 42	36 .75 11	104 2.93 42	20.8 .34 5	.00 .5 .0	.5 .0	340	189 43	2.3	
05/09/73 1000	1101 1101	01S/12W-34C05	S 74 23	F C	7.4	644	48 2.40 37	14 1.15 18	64 2.78 43	3.0 .08 1	0 .00	149 2.44 38	109 2.27 35	61 1.72 27	.0 .00	.25 .0	.8 .0	373	177 56	2.1	
06/13/73 0845	1101 1101	01S/14W-32K01	S 74 23	F C	7.9	639	53 2.64 40	17 1.40 21	56 2.44 37	4.0 .18 2	0 .00	235 3.85 57	83 1.73 26	40 1.13 17	.0 .00	.00 .0	.4 .0	369	202 10	1.7	
06/07/73 0915	5050 5050	01S/14W-32H06	S 72.0F 22.2C	F C	8.2	920	43 2.15 23	27 2.22 23	114 4.96 52	5.3 .14 1	0 .00	351 5.75 60	71 1.48 15	82 2.31 24	5.0 .08 1	.35 --	.5 --	415 520	219 0	3.4	T
05/14/73	5050 5050	02S/11W-07D09	S 68 20	F C	7.7	650 838	107 5.34 59	19 1.56 17	47 2.04 23	4.8 .12 1	0 .00	256 4.20 46	164 3.41 38	45 1.27 14	11.0 .18 2	.87 --	.2 --	545 524	345 135	1.1	X
03/14/73 0845	1101 1101	02S/11W-18001	S 66 19	F C	7.6	1040	111 5.54 50	20 1.64 15	88 3.83 34	5.0 .13 1	0 .00	246 4.03 36	222 4.62 41	87 2.45 22	5.9 .10 1	.00 .1	-- .1	660	359 158	2.0	
06/11/73 1010	1101 1101		S 67 19	F C	7.8	1050	114 5.69 51	19 1.56 14	89 3.87 34	5.0 .13 1	0 .00	251 4.11 36	233 4.85 42	88 2.48 21	6.5 .10 1	.00 .0	-- .0	878	362 157	2.0	
09/17/73 1000	1101 1101		S 66 19	F C	7.8	1055	119 5.94 52	17 1.40 12	91 3.96 35	5.0 .13 1	0 .00	253 4.15 36	224 4.66 41	89 2.51 22	8.7 .14 1	.00 .0	-- .0	678	367 160	2.1	
10/10/72 0840	1101 1101	02S/11W-18006	S 67 19	F C	7.5	1040	115 5.74 52	14 1.15 10	91 3.96 36	5.0 .13 1	0 .00	245 4.02 37	208 4.33 40	83 2.34 22	7.3 .12 1	-- --	-- --	644	344 144	2.1	
05/08/73 1030	1101 1101	02S/11W-19F02	S 66 19	F C	7.6	969	101 5.04 50	24 1.97 19	70 3.05 30	4.0 .10 1	0 .00	232 3.80 37	191 3.98 19	81 2.28 22	15.0 .24 2	.00 .5 .0	.5 .0	600	350 161	1.6	
10/11/72 1505	1101 1101	02S/11W-19M01	S 66 19	F C	7.6	947	101 5.04 51	20 1.64 17	70 3.05 31	4.0 .10 1	0 .00	214 3.51 35	189 3.93 40	80 2.26 23	12.0 .19 2	-- --	-- --	581	334 159	1.7	
06/11/73 1020	1101 1101		S 65 18	F C	7.5	931	113 5.64 57	12 .99 10	73 3.18 32	4.0 .10 1	0 .00	258 3.41 34	204 4.25 43	74 2.09 21	13.2 .21 2	.00 .0	-- .0	595	331 161	1.7	
09/17/73 1015	1101 1101		S 70 21	F C	7.6	986	107 5.34 51	20 1.64 16	79 3.44 33	4.0 .10 1	0 .00	235 3.85 37	197 4.10 39	81 2.28 22	14.5 .23 2	.00 .0	-- .0	618	349 157	1.8	
05/16/73 1045	1101 1101	02S/11W-29E05	S 76 24	F C	7.6	1380	186 9.28 60	40 3.29 21	62 2.70 18	5.0 .13 1	0 .00	286 4.69 31	311 6.48 42	136 3.84 25	22.4 .36 2	.00 .6 .0	.6 .0	903	629 394	1.1	
05/16/73 1105	1101 1101	02S/11W-32G03	S 78 26	F C	7.6	1380	182 9.08 59	44 3.62 23	62 2.70 17	4.0 .10 1	0 .00	249 4.08 27	355 7.39 48	126 3.55 23	22.4 .36 2	.00 .6 .0	.6 .0	918	635 431	1.1	



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER HILLIGRAEQUVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR					
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																						
05/16/73 1130	1101 1101	83 F 28 C			61 3.04 55	8.0 .66 12	40 1.74 32	3.0 .99 1	0 .00 1	178 2.92 52	78 1.62 29	35 .99 18	6.1 .10 2	.00 .0	.4 .0		319	185 39	1.3			
02S/11W-33M01 S																						
05/16/73 1605	1101 1101	72 F 22 C	8.0	616	57 2.84 56	12 .99 19	27 1.17 23	4.0 .10 2	0 .00 2	178 2.92 56	66 1.37 26	29 .82 16	5.9 .10 2	.00 .0	.5 .0		288	191 46	0.8			
02S/12W-01P03 S																						
03/14/73 1230	1101 1101	69 F 21 C	7.7	1092	91 4.54 41	16 1.32 12	119 5.18 47	3.0 .08 1	0 .00 1	217 3.56 31	212 4.41 39	120 3.38 30	.0 .00 0	.00 .0	-- .8		668	293 115	3.0			
06/11/73 1330	1101 1101	69 F 21 C	7.6	1140	93 4.64 39	21 1.73 15	124 5.39 45	4.0 .10 1	0 .00 1	225 3.69 30	211 4.39 36	144 4.06 33	.8 .01 0	.00 .0	-- .0		708	318 134	3.0			
02S/12W-03C01 S																						
05/08/73 0825	1101 1101	80 F 27 C	7.2	812	39 1.95 23	20 1.64 19	110 4.79 57	3.0 .08 1	0 .00 1	353 5.79 69	14 .29 3	81 2.28 27	3.9 .06 1	.00 .2	.9 .2		445	179 0	3.6			
02S/12W-05A01 S																						
05/09/73 2330	1101 1101	75 F 24 C	7.5	1050	77 3.84 36	24 1.97 18	111 4.83 45	2.0 .05 0	0 .00 0	263 4.31 40	74 1.54 14	160 4.51 42	18.1 .29 3	.05 .0	.3 .0		595	291 75	2.8			
02S/12W-05M01 S																						
05/09/73 1020	1101 1101	70 F 21 C	7.4	943	83 4.14 44	15 1.23 13	93 4.05 43	3.0 .08 1	0 .00 1	245 4.02 43	79 1.64 17	123 3.47 37	18.3 .30 3	.00 .0	.6 .0		535	268 68	2.5			
02S/12W-06K01 S																						
05/31/73 5050 5050	5050 5050	78 F 26 C	8.2	1129	63 3.14 28	23 1.89 17	140 6.09 54	5.0 .13 1	0 .00 1	284 4.65 42	179 1.64 15	169 4.77 43	5.0 .08 1	.32 --	.7 --		647 624	253 19	3.8			
02S/12W-09M02 S																						
05/09/73 0930	1101 1101	72 F 22 C	7.5	862	62 3.09 35	22 1.81 21	88 3.83 43	3.0 .08 1	0 .00 1	245 4.02 45	102 2.12 24	99 2.79 31	.0 .00 0	.20 .0	.5 .0		497	245 44	2.4			
02S/12W-10K03 S																						
10/11/72 0900	1101 1101	74 F 23 C	7.9	681	74 3.69 53	13 1.07 15	50 2.18 31	3.0 .08 1	0 .00 1	236 3.87 54	81 1.69 24	55 1.55 22	.0 .00 0	-- --	-- --		392	238 45	1.4			
03/14/73 0850	1101 1101	78 F 26 C	7.9	668	75 3.74 53	13 1.07 15	50 2.18 31	3.0 .08 1	0 .00 1	234 3.84 55	83 1.73 25	52 1.47 21	.0 .00 0	.00 .0	-- .0		391	240 49	1.4			
06/12/73 0920	1101 1101	76 F 24 C	7.7	683	81 4.04 57	10 .82 12	50 2.18 31	3.0 .08 1	0 .00 1	232 3.80 54	83 1.73 25	52 1.47 21	.0 .00 0	.00 .0	-- .0		393	243 53	1.4			
09/17/73 1000	1101 1101	68 F 20 C	7.8	682	76 3.79 52	15 1.23 17	51 2.22 30	3.0 .08 1	0 .00 1	229 3.75 52	90 1.87 26	57 1.61 22	.0 .00 0	.00 .0	-- .0		405	251 64	1.4			
02S/12W-12E02 S																						
05/08/73 0845	1101 1101	68 F 20 C	7.6	943	80 3.99 41	36 2.96 30	64 2.78 28	4.0 .10 1	0 .00 1	239 3.92 39	168 3.50 35	91 2.57 26	.0 .00 0	.00 .1	.8 .1		561	347 152	1.5			
02S/12W-12M02 S																						
05/08/73 0850	1101 1101	71 F 22 C	7.7	767	78 3.89 49	13 1.07 14	65 2.83 36	4.0 .10 1	0 .00 1	234 3.84 48	120 2.50 31	61 1.72 21	.0 .00 0	.00 .4	.4 .5		457	248 56	1.8			
02S/12W-13L05 S																						
05/27/73 1120	5050 5050	68 F 20 C	8.0	806	74 3.69 46	17 1.40 17	65 2.83 35	4.3 .11 1	0 .00 1	168 2.75 35	158 3.29 42	60 1.69 22	8.2 .13 2	.20 --	.5 --		496 469	256 117	1.8			
02S/12W-14B08 S																						
10/12/72 0805	1101 1101	65 F 18 C	7.3	1020	90 4.49 42	23 1.89 18	93 4.05 38	6.0 .15 1	0 .00 1	234 3.84 36	194 4.04 38	86 2.43 23	26.8 .43 4	-- --	-- --		634	319 127	2.3			
06/11/73 1305	1101 1101	66 F 19 C	7.4	644	58 2.50 39	10 .82 13	69 3.08 47	4.0 .18 2	0 .00 2	147 2.41 34	116 2.42 38	45 1.27 20	15.4 .25 4	.80 .0	-- .0		382	166 46	2.3			
09/17/73 1101	1101 1101		7.2	965	77 3.84 38	24 1.97 19	96 4.18 41	6.0 .15 1	0 .00 1	153 2.51 25	230 4.79 47	92 2.59 26	14.8 .24 2	.80 .0	-- .0		615	291 165	2.4			
02S/12W-15J03 S																						
10/10/72 1101	1101 1101		7.4	928	89 4.44 46	16 1.32 14	89 3.87 40	4.0 .10 1	0 .00 1	205 3.36 35	188 3.91 35	73 2.06 21	20.4 .33 3	-- --	-- --		580	288 120	2.3			
03/14/73 1645	1101 1101	67 F 19 C	7.5	949	91 4.54 46	17 1.40 14	89 3.87 39	5.0 .13 1	0 .00 1	206 3.38 34	192 4.00 34	80 2.26 23	21.3 .34 3	.00 .0	-- .0		597	297 128	2.2			
06/11/73 1230	1101 1101	67 F 19 C	7.6	967	85 4.24 43	20 1.64 17	90 3.92 39	5.0 .13 1	0 .00 1	206 3.38 33	201 4.18 41	84 2.37 23	22.7 .37 4	.80 .0	-- .0		609	294 125	2.3			
09/17/73 1235	1101 1101	66 F 19 C	7.6	960	90 4.40 16	19 1.56 16	89 3.87 39	4.0 .10 1	0 .00 1	211 3.46 34	190 3.96 39	81 2.28 23	24.3 .39 4	.80 .0	-- .0		601	302 130	2.2			

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																				
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER								MILLIGRAMS PER LITER						REM
						CA	MG	NA	K	CO3	MILLIEQUIVALENTS PER LITER				B	F	TDS SUM	TH NCH	SAR	
											PERCENT	REACTANCE	VALUE							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
05/16/73 1015	1101 1101	69 21	F C	7.9	850	94 4.69 53	17 1.40 18	60 2.61 30	3.0 .08 1	0 .00 1	179 2.93 33	172 3.58 41	81 2.28 26	.0 .00 1	.45 .5 0	.5 .0 0	515	304 158 0	1.5	
06/19/73 1610	1101 1101	78 26	F C	8.0	656	49 2.45 36	14 1.15 16	73 3.18 46	3.0 .08 1	0 .00 1	242 3.97 57	62 1.29 18	81 1.72 25	1.2 .02 1	.05 .4 0	.4 .0 0	382	179 0 0	2.4	
05/16/73 0940	1101 1101	78 26	F C	7.8	583	49 2.45 41	12 .99 16	58 2.52 42	3.0 .08 1	0 .00 1	234 3.84 62	52 1.08 17	45 1.27 21	.0 .00 1	.05 .5 0	.5 .0 0	334	171 8 0	1.9	
10/10/72	1101 1101	68 20	F C	7.6	906	99 4.94 50	25 2.06 21	63 2.74 28	5.0 .13 1	0 .00 1	192 3.15 33	191 3.98 42	76 2.14 23	10.0 .16 2	-- -- 2	-- -- 2	563	350 193 0	1.5	
03/14/73 1300	1101 1101	72 22	F C	7.8	912	101 5.04 52	18 1.48 15	72 3.13 32	5.0 .13 1	0 .00 1	195 3.20 33	199 4.14 43	78 2.20 23	11.7 .19 2	.00 .0 0	-- 0 0	581	326 166 0	1.7	
07/23/73 0845	1101 1101	66 19	F C	7.5	906	103 5.14 53	19 1.56 16	68 2.96 30	5.0 .13 1	0 .00 1	197 3.23 34	188 3.91 41	80 2.26 24	12.2 .20 2	.00 .0 0	-- 0 0	572	335 174 0	1.6	
09/17/73 1430	1101 1101	66 19	F C	7.7	919	96 4.79 50	19 1.56 16	70 3.05 32	4.0 .10 1	0 .00 1	199 3.26 34	190 3.96 41	76 2.14 22	14.5 .23 2	.00 .0 0	-- 0 0	567	317 155 0	1.7	
10/10/72 1330	1101 1101	69 21	F C	7.7	940	91 4.54 47	22 1.81 19	75 3.26 34	4.0 .10 1	0 .00 1	187 3.06 32	195 4.06 43	78 2.20 23	12.3 .20 2	-- -- 2	-- -- 2	569	317 165 0	1.8	
03/14/73 0900	1101 1101	62 17	F C	7.8	917	94 4.69 46	19 1.56 15	87 3.78 37	5.0 .13 1	0 .00 1	196 3.25 33	196 4.08 42	78 2.20 23	13.6 .22 2	.00 .0 0	-- 0 0	590	312 150 0	2.1	
06/11/73 1030	1101 1101	70 21	F C	7.7	917	98 4.89 51	15 1.23 13	79 3.44 36	4.0 .10 1	0 .00 1	197 3.23 34	188 3.91 41	81 2.28 24	13.8 .22 2	.00 .0 0	-- 0 0	576	306 145 0	2.0	
09/17/73 1035	1101 1101	68 20	F C	7.7	921	100 4.99 52	13 1.07 11	77 3.35 35	4.0 .10 1	0 .00 1	187 3.06 32	194 4.04 43	76 2.14 23	14.9 .24 3	.00 .0 0	-- 0 0	571	303 150 0	1.9	
05/08/73 1010	1101 1101	66 19	F C	7.5	1110	94 4.69 46	22 1.81 18	82 3.57 35	4.0 .10 1	0 .00 1	214 3.51 34	200 4.16 40	86 2.43 23	16.2 .26 3	.00 .5 1	.5 .1 0	610	325 150 0	2.0	
10/10/72	1101 1101					94 4.69 46	26 2.14 21	73 3.18 31	5.0 .13 1	0 .00 1	185 3.03 30	218 4.54 45	79 2.23 22	14.4 .23 2	-- -- 2	-- -- 2	600	341 190 0	1.7	
03/14/73 1035	1101 1101	66 19	F C	7.4	936	92 4.59 47	19 1.56 16	80 3.48 36	5.0 .13 1	0 .00 1	184 3.02 31	207 4.31 44	76 2.14 22	16.8 .27 3	.00 .1 0	-- 0 0	586	307 157 0	2.0	
06/11/73 1145	1101 1101	66 19	F C	7.5	952	99 4.94 49	17 1.40 14	84 3.65 36	4.0 .10 1	0 .00 1	186 3.05 30	216 4.50 44	83 2.34 23	15.6 .25 2	.00 .0 0	-- 0 0	610	317 165 0	2.1	
09/17/73 1220	1101 1101	64 18	F C	7.6	818	71 3.54 41	20 1.64 19	76 3.31 39	4.0 .10 1	0 .00 1	171 2.80 33	179 3.73 44	83 1.78 21	14.9 .24 3	.00 .0 0	-- 0 0	512	259 119 0	2.1	
10/10/72	1101 1101					97 4.84 56	16 1.32 15	55 2.39 28	4.0 .10 1	0 .00 1	189 3.10 37	160 3.33 40	87 1.89 23	.0 .00 1	-- -- 1	-- -- 1	492	308 153 0	1.4	
03/14/73 1025	1101 1101	66 19	F C	7.7	911	95 4.74 50	16 1.32 14	77 3.35 35	4.0 .10 1	0 .00 1	193 3.16 33	199 4.14 44	77 2.17 23	1.5 .02 1	.30 .2 0	-- 0 0	565	303 145 0	1.9	
06/11/73 1130	1101 1101	72 22	F C	7.7	951	78 3.89 39	15 1.23 12	108 4.70 47	4.0 .10 1	0 .00 1	191 3.13 31	228 4.75 47	79 2.23 22	1.6 .03 1	.00 .0 0	-- 0 0	608	256 100 0	2.9	
09/17/73	1101 1101					92 4.59 52	19 1.56 18	68 2.61 29	4.0 .10 1	0 .00 1	189 3.10 34	179 3.73 41	79 2.23 25	2.3 .04 1	.00 .0 0	-- 0 0	528	307 153 0	1.5	
05/16/73 0905	1101 1101	67 19	F C	7.6	936	114 5.69 57	23 1.89 19	53 2.31 23	3.0 .08 1	0 .00 1	210 3.44 34	190 3.96 41	86 2.43 24	9.8 .16 2	.00 .6 0	.6 .0 0	582	379 207 0	1.2	
07/17/73	1101 1101	64 18	F C	7.7	909	105 5.24 53	22 1.81 18	63 2.74 28	3.0 .08 1	0 .00 1	224 3.67 38	172 3.58 37	73 2.06 22	16.7 .27 3	.00 .5 0	.5 .0 0	565	352 169 0	1.5	

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																									
10/10/72	1101					85	22	40	3.0	0	232	121	51	6.9	--	--		302							
	1101		7.6	814	4.24	1.81	1.74	.08	.00	3.80	2.52	1.44	.11	--	--	443	113	1.0							
					54	23	22	1		48	32	18	1												
06/13/73	1101	69 F			76	23	42	3.0	0	239	113	53	5.4	.05	--		284								
1020	1101	21 C	7.8	744	3.79	1.89	1.83	.08	.00	3.92	2.35	1.49	.09	.0	433	118	1.1								
					50	25	24	1		50	30	19	1												
06/03/73	1101	68 F			79	26	41	3.0	0	188	165	51	6.6	.00	.6		304								
0825	1101	20 C	7.5	766	3.94	2.14	1.78	.08	.00	3.08	3.44	1.44	.11	.0	464	150	1.0								
					50	27	22	1		38	43	18	1												
09/17/73	1101	69 F			78	24	43	2.0	0	237	117	52	8.0	.00	--		293								
1135	1101	21 C	7.7	736	3.89	1.97	1.87	.05	.00	3.88	2.44	1.47	.13	.0	441	99	1.1								
					50	25	24	1		49	31	19	2												
02S/12W-34P01 S																									
05/00/73	5050	68 F			103	22	50	4.3	0	190	190	69	11.2	.00	.3		603	348							
1800	5050	20 C	8.2	898	5.14	1.81	2.18	.11	.00	3.11	3.96	1.95	.18	--	--	543	192	1.2							
					56	20	24	1		34	43	21	2												
05/15/73	1101	70 F			107	21	50	4.0	0	202	177	72	10.6	.00	.7		353								
1610	1101	21 C	7.5	876	5.34	1.73	2.18	.10	.00	3.31	3.69	2.03	.17	.0	541	118	1.2								
					57	19	23	1		36	40	22	2												
02S/12W-35K01 S																									
05/29/73	5050	68 F			62	14	28	2.9	0	220	63	18	5.8	.01	.2		339	212							
1730	5050	20 C	8.3	535	3.09	1.15	1.22	.07	.00	3.61	1.31	.51	.09	--	--	302	32	0.8							
					56	21	22	1		65	24	9	2												
02S/13W-01K01 S																									
05/08/73	1101	71 F			60	16	78	4.0	0	258	103	41	.0	.50	.8		215								
1330	1101	22 C	7.8	710	2.99	1.32	3.39	.10	.00	4.23	2.14	1.16	.00	3.2	433	4	2.3								
					38	17	43	1		56	28	15													
02S/13W-01N01 S																									
6/28/72	1101	76 F			60	16	43	3.0	0	229	76	30	.0	.00	--		215								
0905	1101	24 C	7.5	576	2.99	1.32	1.87	.08	.00	3.75	1.58	.85	.00	--	--	341	28	1.3							
					48	21	30	1		61	26	14													
02S/13W-01P03 S																									
10/10/72	1101				115	27	119	4.0	0	242	197	182	.0	--	--		398								
	1101		7.5	1280	5.74	2.22	5.18	.10	.00	3.97	4.10	5.13	.00	--	--	763	200	2.6							
					43	17	39	1		30	31	39													
09/17/73	1101	70 F			96	21	122	3.0	0	228	199	137	.0	.00	--		326								
1410	1101	21 C	7.8	1130	4.79	1.73	5.31	.08	.00	3.74	4.14	3.86	.00	.3	690	139	2.9								
					40	15	45	1		32	35	33													
02S/13W-05801 S																									
05/10/73	5050	72 F			128	37	77	5.7	0	295	229	116	1.0	.19	.3		793	472							
1835	5050	22 C	7.6	1215	6.39	3.04	3.44	.15	.00	4.84	4.77	3.27	.02	--	--	741	230	1.6							
					49	23	26	1		38	37	25													
06/07/73	5050	70.0F			90	37	78	5.9	0	171	237	119	.6	.17	.5		609	375							
1430	5050	21.1C	7.9	1076	4.49	3.04	3.39	.15	.00	2.80	4.93	3.36	.01	--	--	652	237	1.7							
					41	27	31	1		25	44	30													
02S/13W-10P05 S																									
06/25/73	1101	69 F			65	13	42	4.0	0	234	83	24	.0	.00	.5		215								
	1101	21 C	8.0	583	3.24	1.07	1.83	.10	.00	3.84	1.73	.68	.00	.0	346	24	1.2								
					52	17	29	2		61	28	11													
02S/13W-10P06 S																									
06/25/73	1101	66 F			69	18	46	4.0	0	245	98	34	7.0	.00	.5		246								
	1101	19 C	8.1	669	3.44	1.48	2.00	.10	.00	4.02	2.04	.96	.11	.0	346	45	1.3								
					49	21	28	1		56	29	13	2												
02S/13W-11E04 S																									
06/25/73	1101	66 F			79	20	56	5.0	0	260	107	61	.0	.00	.5		279								
	1101	19 C	7.5	785	3.94	1.64	2.44	.13	.00	4.26	2.23	1.72	.00	.0	456	66	1.5								
					48	20	30	2		52	27	21													
02S/13W-11G06 S																									
07/31/73	1101	66 F			59	16	45	3.0	0	222	76	35	.0	.00	.4		213								
1140	1101	19 C	7.7	580	2.94	1.32	1.96	.08	.00	3.64	1.58	.99	.00	.3	343	31	1.3								
					47	21	31	1		59	25	16													
02S/13W-12A01 S																									
07/31/73	1101	72 F			71	20	55	3.0	0	251	66	65	20.3	.00	1.1		259								
1150	1101	22 C	7.8	727	3.54	1.64	2.39	.08	.00	4.11	1.37	1.83	.33	.1	424	54	1.5								
					46	21	31	1		54	18	24	4												
02S/13W-12Q02 S																									
07/31/73	1101	67 F			64	18	44	3.0	0	231	67	42	13.8	.00	.3		233								
1105	1101	19 C	7.9	621	3.19	1.48	1.91	.08	.00	3.79	1.39	1.18	.22	.2	346	44	1.3								
					48	22	29	1		58	21	18	3												
02S/13W-13A01 S																									
06/19/73	1101				63	16	63	3.0	0	244	76	63	.0	.30	.5		223								
1500	1101		7.6	682	3.14	1.32	2.74	.08	.00	4.00	1.58	1.78	.00	.0	484	23	1.8								
					43	18	38	1		54	21	24													
02S/13W-13E05 S																									
06/06/73	5050	66.0F			28	14	41	3.5	0	134	73	27	.8	.04	.4		268	128							
1430	5050	18.9C	8.1	485	1.40	1.15	1.78	.09	.00	2.20	1.52	.76	.01	--	--	253	18	1.6							
					32	26	40	2		49	34	17													



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																										
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM				
														B F TDS TH				S102 SUM MCH SAR								
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3														
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																										
07/31/73 1125	1101 1101	66 F 19 C	8.1	567	58 2.89 47	16 1.32 21	44 1.91 31	3.0 .08 1	0 .00 1	228 3.74 62	.74 1.54 25	27 .76 13	.0 .00 1	.00 .6 0	.6 0	334	210 24	1.3								
05/31/73 1630	5050 5050	78 F 26 C	8.1	594	49 2.45 40	15 1.23 20	56 2.44 39	3.3 .08 1	0 .00 1	224 3.67 59	.80 1.67 27	29 .82 13	.8 .01 1	.11 .6 0	.6 0	341 343	184 1	1.8								
08/01/73 1430	1101 1101	69 F 21 C	8.0	969	109 5.44 52	30 2.47 23	58 2.52 24	4.0 .10 1	0 .00 1	324 5.31 51	120 2.66 25	71 2.00 19	32.0 .52 5	.00 1.8 0	.6 0	593	395 130	1.3								
05/11/73 1650	5050 5050	72 F 22 C	7.7	600 726	78 3.89 50	20 1.64 21	48 2.09 27	3.7 .09 1	0 .00 1	248 4.06 52	118 2.46 31	40 1.13 14	9.8 .16 2	.17 0	.3 0	449 440	277 74	1.3								
06/06/73 1335	1101 1101	64 F 18 C	7.9	750	87 4.34 52	21 1.73 21	50 2.18 26	3.0 .08 1	0 .00 1	280 4.59 54	115 2.39 28	44 1.30 15	18.1 .29 3	.00 0	.4 0	478	303 74	1.2								
06/20/73 0855	1101 1101	68 F 20 C	7.9	549	58 2.89 49	13 1.07 18	43 1.87 32	3.0 .08 1	0 .00 1	229 3.75 62	.74 1.54 26	26 .73 12	.0 .00 1	.00 0	.5 0	330	198 11	1.3								
06/20/73 0845	1101 1101	87 F 31 C	7.4	550	63 3.14 53	10 .82 14	44 1.91 32	3.0 .08 1	0 .00 1	239 3.92 65	.72 1.50 25	23 .65 11	.0 .00 1	.05 .3	.5 0	333	198 2	1.4								
05/26/73 2200	5050 5050	72.0 F 22.2 C	8.3	525 601	55 2.74 46	14 1.15 19	47 2.04 34	3.0 .08 1	0 .00 1	215 3.52 58	.76 1.58 26	34 .94 16	1.6 .03	.03 0	.2 0	377 336	195 19	1.5								
06/06/73 1340	1101 1101	63 F 17 C	7.8	656	69 3.44 50	18 1.48 22	44 1.91 28	2.0 .05 1	0 .00 1	241 3.95 55	.98 2.04 29	38 1.07 15	4.1 .07 1	.00 0	.5 0	392	246 49	1.2								
06/06/73 1305	1101 1101	66 F 19 C	7.4	1740	228 11.38 55	59 4.85 24	98 4.26 21	3.0 .08 1	0 .00 1	476 7.80 38	390 8.12 39	138 3.89 19	53.2 .86 4	.00 0	.5 0	1203	812 422	1.5								
06/07/73 1345	5050 5050	71.0 F 21.6 C	8.1	507	45 2.25 42	13 1.07 20	45 1.96 37	2.8 .07 1	0 .00 1	200 3.28 61	.74 1.54 29	20 .56 10	1.2 .02	.01 0	.4 0	306 299	166 2	1.5								
07/31/73 0955	1101 1101	64 F 18 C	7.9	753	86 4.20 52	20 1.64 20	50 2.18 27	3.0 .08 1	0 .00 1	241 3.95 49	116 2.42 30	56 1.58 20	2.2 .04 1	.00 0	.4 0	452	297 74	1.3								
06/05/73 1045	1101 1101	70 F 21 C	8.0	1070	74 3.69 32	38 3.13 27	110 4.79 41	3.0 .08 1	0 .00 1	425 6.97 59	123 2.56 22	84 2.37 20	.0 .00	.00 0	.4 0	641	341 0	2.6								
05/16/73 1545	1101 1101	73 F 23 C	7.4	1550	136 6.79 43	53 4.36 28	103 4.48 29	2.0 .05 1	0 .00 1	304 4.98 31	150 3.12 19	221 6.23 39	107 1.73 11	.05 0	.6 0	922	557 309	1.9								
05/16/73 1525	1101 1101	78 F 26 C	8.0	896	62 3.09 33	24 1.97 21	96 4.18 45	4.0 .10 1	0 .00 1	296 4.85 51	130 2.71 28	70 1.97 21	3.1 .05 1	.00 0	.5 0	535	253 11	2.6								
05/16/73 1450	1101 1101	70 F 21 C	7.9	543	60 2.99 55	8.0 .66 12	39 1.70 31	3.0 .08 1	0 .00 1	177 2.90 52	.77 1.60 29	34 1.02 18	4.9 .08 1	.00 0	.4 0	315	182 38	1.3								
05/16/73 1700	1101 1101	78 F 26 C	7.9	1870	116 5.79 28	58 4.77 23	223 9.70 48	6.0 .15 1	0 .00 1	307 5.03 24	549 11.43 55	144 4.12 20	2.6 .04	.05 0	.8 0	1252	528 277	4.2								
05/16/73 1145	1101 1101	71 F 22 C	7.6	1410	177 8.83 55	38 3.13 20	88 3.83 24	5.0 .13 1	0 .00 1	422 6.92 43	267 5.56 35	111 3.13 19	30.8 .50 3	.00 0	.6 0	924	598 252	1.6								
05/29/73 2000	5050 5050	68 F 20 C	8.0	673	27 1.35 20	7.6 .63 9	107 4.65 69	3.0 .08 1	0 .00 1	200 3.28 49	111 2.31 35	38 1.07 16	.0 .00	.12 0	.2 0	417 392	99 0	4.7								
05/16/73 1420	1101 1101	86 F 30 C	7.8	1280	91 4.54 33	43 3.54 26	128 5.57 40	5.0 .13 1	0 .00 1	348 5.70 41	235 4.89 35	117 3.30 24	1.9 .03	.00 0	.6 0	792	404 119	2.8								

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SIO2	F	TDS SUM	TH MCH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																			
05/16/73 1345	1101 1101	68 F 20 C	7.9	615	63 50	15 1.23 19	43 1.07 29	4.0 .10 2	0 .00	208 3.41 52	.89 1.85 28	42 1.18 18	5.9 .10 2	.00 .4 0		219 48	1.3		
05/16/73 1330	1101 1101	80 F 27 C	7.8	1190	69 3.44 27	33 2.71 22	144 6.26 50	4.0 .10 1	0 .00	374 6.13 48	.85 3.05 30	98 2.76 22	.0 .00	.05 .0		308 1	3.6		
05/30/73 5050	5050 5050	68 F 20 C	8.7	444	53 2.64 58	11 .90 20	22 .96 21	2.8 .07 2	11 .37 7	218 3.57 71	.36 .75 15	11 .31 6	1.8 .03 1	.00 .3 --		265 256	177 0	0.7	
05/29/73 1700	5050 5050		8.3	1054	78 3.89 36	29 2.38 22	102 4.44 41	4.3 .11 1	0 .00	222 3.64 34	.91 3.98 37	110 3.10 29	.6 .01	.07 --		664 624	314 132	2.5	
05/15/73 1435	1101 1101	76 F 24 C	7.7	845	60 2.99 34	21 1.73 19	94 4.09 46	4.0 .10 1	0 .00	271 4.44 50	.25 2.60 29	65 1.83 20	4.2 .07 1	.00 .6 0		236 14	2.7		
05/15/73 1445	1101 1101	70 F 21 C	7.5	1330	143 7.14 49	34 2.80 19	106 4.61 32	3.0 .08 1	0 .00	319 5.23 36	.268 5.58 33	119 3.36 23	17.2 .28 2	.00 .6 0		497 236	2.1		
05/27/73 0900	5050 5050	72 F 22 C	8.2	379	39 1.95 49	7.2 .59 15	32 1.39 35	2.3 .06 2	0 .00	197 3.23 82	.23 .48 12	7.7 .22 6	.2 .00	.08 --		209 208	127 0	1.2	
06/08/73 0900	1101 1101	67 F 19 C	7.4	459	60 2.99 60	10 .82 16	26 1.13 23	2.0 .05 1	0 .00	245 4.02 78	.32 .67 13	16 .45 9	.0 .00	.00 .4 1		267	190 0	0.8	
05/16/73 1030	5050 5050		8.2	455	42 2.10 43	12 .99 20	39 1.70 35	1.9 .05 1	0 .00	225 3.69 78	.25 .52 11	18 .51 11	.6 .01	.00 --		245 249	156 0	1.4	
10/10/72 1415	1101 1101	68 F 20 C	7.6	903	113 5.64 58	23 1.89 19	49 2.13 22	4.0 .10 1	0 .00	203 3.33 35	.93 4.02 43	89 1.95 21	7.9 .13 1	-- --		376 210	1.1		
03/14/73 0935	1101 1101	59 F 15 C	7.9	787	85 4.24 51	18 1.48 18	59 2.57 31	4.0 .10 1	0 .00	206 3.38 40	.60 3.33 40	5.6 1.58 19	.09 1	.00 .3		286 117	1.5		
06/11/73 1050	1101 1101	65 F 18 C	7.7	906	130 6.49 88	11 .90 9	48 2.09 22	4.0 .10 1	0 .00	202 3.31 33	.205 4.27 43	74 2.09 21	13.5 .22 2	.00 0		585	369 204	1.1	
09/17/73 1055	1101 1101	70 F 21 C	7.7	943	116 5.79 57	23 1.89 18	56 2.44 24	4.0 .10 1	0 .00	257 4.21 41	.184 3.83 37	69 1.95 19	18.6 .30 3	.00 0		597	384 174	1.2	
10/10/72	1101 1101		7.8	838	111 5.54 63	20 1.64 19	36 1.57 18	4.0 .10 1	0 .00	215 3.52 40	.167 3.48 40	57 1.66 19	6.6 .11 1	-- --		359 183	0.8		
03/14/73 0950	1101 1101	64 F 18 C	7.8	11300	94 4.69 40	26 2.14 18	112 4.87 41	5.0 .13 1	0 .00	153 2.51 21	.311 6.48 54	102 2.88 24	2.1 .03	.00 .2		341 728	2.6		
06/11/73 1105	1101 1101	73 F 23 C	7.6	817	111 5.54 61	22 1.81 20	37 1.61 18	4.0 .10 1	0 .00	227 3.72 41	.170 3.54 39	59 1.66 18	7.3 .12 1	.00 0		522	367 182	0.8	
09/17/73 1105	1101 1101	66 F 19 C	7.9	808	103 5.14 60	25 2.06 24	30 1.31 15	4.0 .10 1	0 .00	204 3.34 38	.168 3.50 40	65 1.83 21	10.3 .17 2	.00 .1		360 193	0.7		
06/06/73 1330	5050 5050	78.0F 25.5C	8.0	718	49 2.45 38	25 2.06 32	42 1.83 29	3.1 .08 1	0 .00	120 1.97 31	.86 1.79 29	87 2.51 40	.0 .00	.13 --		363 353	225 127	1.2	
05/15/73 1605	1101 1101	70 F 21 C	7.4	711	80 3.99 53	18 1.48 20	45 1.96 26	4.0 .10 1	0 .00	231 3.79 51	.116 2.42 32	44 1.24 17	.0 .00	.00 .1		273 84	1.2		
07/31/73 1145	1101 1101	68 F 20 C	8.0	526	50 2.50 44	14 1.15 20	47 2.04 36	2.0 .05 1	0 .00	249 4.08 72	.42 .87 15	25 .71 13	.0 .00	.00 .3 0		302	182 0	1.5	
05/15/73 1550	1101 1101	65 F 18 C	7.6	697	89 4.44 59	18 1.48 20	34 1.48 20	3.0 .08 1	0 .00	229 3.75 51	.114 2.37 32	41 1.16 16	7.1 .11 1	.00 0		296 109	0.9		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																							
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR					
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																							
05/15/73 1540	1101 1101	65 F 18 C	7.7	831	97 4.84 55	21 1.73 20	50 2.18 25	4.0 .10 1	8 .00	213 3.49 39	173 3.60 40	62 1.75 20	3.2 .05 1	.00	.6 .0	515	328 154	1.2					
03S/12W-09E03																							
05/15/73 1915	5050 5050	68.0F 20.0C	8.0	1100 883	113 5.64 58	26 2.14 22	41 1.78 18	4.3 .11 1	0 .40	270 4.43 46	175 3.64 38	52 1.47 15	3.2 .05 1	.07	.3 --	588 547	389 168	0.9					
03S/12W-11E01																							
05/08/73 1700	5050 5050	65 F 18 C	7.8	750 819	100 4.99 57	23 1.89 22	41 1.78 20	4.1 .10 1	0 .08	205 3.36 38	170 3.54 41	61 1.72 20	7.6 .12 1	.09	.3 --	555 508	344 176	1.0					
03S/12W-12A02																							
05/16/73 1215	1101 1101	70 F 21 C	7.5	1360	168 8.38 56	33 2.71 18	85 3.70 25	5.0 .13 1	8 .00	401 6.57 44	214 4.46 30	129 3.64 24	17.2 .28 2	.00	.5 .0	848	555 226	1.6					
03S/12W-13F01																							
05/30/73	5050 5050	68 F 20 C	8.1	758	86 4.29 55	22 1.81 23	36 1.57 20	3.8 .10 1	--	211 3.46 44	140 2.91 37	46 1.30 17	8.2 .13 2	.00	.3 --	510	305	0.9					
03S/12W-17A01																							
05/15/73 1530	1101 1101	64 F 18 C	7.6	754	102 5.09 63	18 1.48 18	31 1.35 17	4.0 .10 1	8 .00	225 3.69 47	126 2.62 34	51 1.44 18	3.6 .06 1	.00	.6 .0	446	328 144	0.7					
03S/12W-17L03																							
06/06/73 1300	5050 5050	66.0F 18.9C	8.2	804	85 4.24 54	22 1.81 23	40 1.74 22	3.9 .10 1	0 .00	286 4.69 60	77 1.60 20	54 1.52 19	.4 .01	.00	.4 --	436 423	305 68	1.0					
03S/12W-18L01																							
05/15/73	5050 5050	68.0F 20.0C	8.0	700 696	81 4.04 54	18 1.48 20	43 1.87 25	3.2 .08 1	0 .00	300 4.92 86	56 1.17 16	47 1.33 18	.6 .01	.05	.2 --	417 396	276 30	1.1					
03S/12W-19P05																							
05/22/73 1230	1101 1101	69 F 21 C	7.7	490	61 3.04 57	11 .90 17	31 1.35 25	2.0 .05 1	0 .00	253 4.15 74	47 .98 17	17 .48 9	.0 .00	.00	.5 .0	293	197 0	1.0					
03S/12W-19R03																							
05/14/73 1745	5050 5050	68 F 20 C	7.9	450 1219	29 1.45 12	14 1.15 10	212 9.22 77	4.4 .11 1	0 .00	155 2.54 22	301 6.27 53	104 2.93 25	1.8 .03	.11	.3 --	753 743	130 3	8.1					
07/25/73																							
	5050 5050	68.0F 20.0C	7.7	393	31 1.55 43	11 .90 25	26 1.13 31	2.3 .06 1	0 .00	159 2.61 72	20 .42 12	22 .62 17	.2 .00	.00	.6 --	233 191	123 0	1.0					
03S/12W-21M01																							
05/15/73 1800	5050 5050	72 F 22 C	7.8	1028	79 3.94 37	30 2.47 23	95 4.13 39	4.7 .12 1	0 .00	160 2.62 25	258 5.37 51	90 2.54 24	1.4 .02	.09	.3 --	859 637	321 190	2.3					
03S/12W-22A01																							
05/14/73 1835	5050 5050	73.0F 22.8C	7.9	690 990	87 4.34 42	28 2.30 22	82 3.57 35	4.4 .11 1	0 .00	177 2.90 28	243 5.06 44	79 2.23 22	3.2 .05	.09	.3 --	640 614	332 187	2.0					
03S/12W-23E05																							
05/08/73 1830	5050 5050	65 F 18 C	7.9	450 467	58 2.89 58	12 .99 20	23 1.00 20	2.9 .07 1	0 .00	230 3.77 76	41 .85 17	11 .31 6	1.4 .02	.06	.3 --	273 262	194 6	0.7					
03S/12W-24M01																							
05/30/73 1930	5050 5050	70 F 21 C	8.3	686	66 3.29 47	21 1.73 25	42 1.83 26	3.8 .10 1	0 .00	167 2.74 39	139 2.89 42	46 1.30 18	1.8 .03	.00	.3 --	444 402	251 114	1.2					
03S/12W-25C01																							
05/31/73 2000	5050 5050	68 F 20 C	8.2	413	46 2.30 55	10 .87 21	22 .96 23	2.7 .07 2	0 .00	190 3.11 75	37 .77 19	9.0 .25 8	1.8 .03 1	.00	.3 --	250 223	159 3	0.8					
03S/12W-25J01																							
05/15/73 1300	1101 1101	70 F 21 C	7.7	435	55 2.74 59	10 .82 18	23 1.00 22	3.0 .08 2	0 .00	225 3.69 79	30 .62 13	14 .39 8	.0 .00	.00	.9 .0	246	178 8	0.7					
03S/12W-26L02																							
06/05/73 0730	5050 5050	63.0F 17.2C	8.2	763	103 5.14 62	22 1.81 22	30 1.31 16	3.2 .08 1	8 .00	343 5.62 67	76 1.58 19	40 1.13 14	.1 .00	.04	.5 --	373 443	347 87	0.7					
03S/12W-27C02																							
05/27/73 1630	5050 5050	72 F 22 C	8.3	699	88 4.39 59	18 1.48 20	34 1.48 20	3.2 .08 1	0 .00	286 4.69 64	73 1.52 21	41 1.16 16	.0 .00	.03	1.3 --	441 398	294 59	0.9					
03S/12W-29M01																							
05/15/73 1720	5050 5050	70.0F 21.1C	7.7	1400 436	54 2.69 59	10 .85 19	22 .96 21	2.6 .07 2	0 .00	247 4.05 88	15 .31 7	9.0 .25 5	.2 .00	.05	.3 --	233 235	177 0	0.7					



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																			
05/22/73 1200	1101 1101	70 21	F C	7.7	529	57 2.84 51	9.0 .74 13	44 1.91 34	2.0 .05 1	0 .00	234 3.84 69	61 1.27 23	16 .45 8	.3 .00	.05 .5 .0		179 0	1.4	
05/15/73 1220	1101 1101	72 22	F C	7.9	564	58 2.89 49	6.0 .49 8	56 2.44 41	3.0 .08 1	0 .00	230 3.77 62	57 1.19 20	40 1.13 19	.0 .00	.00 .6 .0		169 0	1.9	
05/17/73	1101 1101			8.0	472	63 3.14 51	11 .90 18	23 1.00 20	3.0 .08 2	0 .00	248 4.06 79	36 .75 15	12 .34 7	.0 .00	.00 .5 .0		202 0	0.7	
05/15/73 1200	1101 1101	68 20	F C	7.6	450	60 2.99 61	10 .82 17	23 1.00 20	3.0 .08 2	0 .00	248 4.06 82	18 .37 7	18 .51 10	.0 .00	.05 .6 .1		190 0	0.7	
05/17/73	1101 1101			7.8	400	53 2.64 60	8.0 .66 15	23 1.00 23	3.0 .08 2	0 .00	230 3.77 84	20 .42 9	11 .31 7	.0 .00	.05 .4 .0		165 0	0.8	
05/17/73	1101 1101			8.0	418	48 2.40 53	8.0 .66 15	31 1.35 30	3.0 .08 2	0 .00	231 3.79 82	25 .52 11	11 .31 7	.0 .00	.00 .1 .0		152 0	1.1	
05/15/73 1145	1101 1101	67 19	F C	7.7	600	80 3.99 62	14 1.15 18	27 1.17 18	3.0 .08 1	0 .00	280 4.59 71	48 1.00 16	30 .85 13	.0 .00	.10 .5 .0		257 28	0.7	
03/29/73	1101 1101	70 21	F C	7.8	552	58 2.89 52	10 .82 15	41 1.78 32	3.0 .08 1	0 .00	222 3.64 63	75 1.56 27	20 .56 10	-- .0	-- .3 .0		185 4	1.3	
05/29/73	1101 1101	77 25	F C	7.7	595	61 3.04 50	13 1.07 18	43 1.87 31	3.0 .08 1	0 .00	226 3.70 60	86 1.79 29	25 .71 11	.1 .00	-- .4 .0		205 21	1.3	
05/17/73 1700	5050 5050	67 19	F C	7.8	1163	81 4.04 34	31 2.55 21	120 5.22 44	5.0 .13 1	0 .00	168 2.75 23	304 6.33 54	96 2.71 23	1.8 .03	.13 --	.6 .0	739 722	329 192	2.9
05/16/73 1810	5050 5050	65 18	F C	8.1	582	60 2.99 49	14 1.15 19	42 1.83 30	3.0 .08 1	0 .00	223 3.65 61	71 1.48 25	30 .85 14	2.4 .04 1	.11 .6 --	.6 .0	334 332	207 25	1.3
05/09/73 2040	5050 5050	68.0F 20.0C		7.9	500 583	60 2.99 49	13 1.07 17	46 2.00 33	2.9 .07 1	0 .00	240 3.93 64	70 1.46 24	23 .65 11	5.0 .08 1	.09 --	.3 .0	357 338	203 7	1.4
06/19/73 0930	1101 1101	66 19	F C	8.1	541	57 2.84 49	13 1.07 19	41 1.78 31	3.0 .08 1	0 .00	241 3.95 67	61 1.27 22	22 .62 11	1.0 .02	.00 .6 .0		195 0	1.3	
05/10/73 1740	5050 5050	68 20	F C	7.6	500 563	53 2.64 45	15 1.23 21	44 1.91 33	2.9 .07 1	0 .00	232 3.80 64	69 1.44 24	23 .65 11	1.4 .02	.11 --	.2 .0	336 322	194 4	1.4
05/09/73 1830	5050 5050	72 22	F C	8.0	550 500	43 2.15 42	7.5 .62 12	53 2.31 45	1.9 .05 1	0 .00	174 2.85 56	77 1.60 31	24 .68 13	.2 .00	.09 --	.2 .0	294 292	139 0	2.0
05/09/73	5150 5050			7.9	418	29 1.45 34	4.4 .36 9	54 2.35 56	2.4 .06 1	0 .00	172 2.82 66	42 .87 20	20 .56 13	.2 .00	.05 --	.2 .0	237 237	91 0	2.5
06/06/73 1230	5050 5050	67.0F 19.4C		7.9	944	79 3.94 45	23 1.89 22	62 2.70 31	5.0 .13 2	0 .00	135 2.21 26	165 3.44 41	98 2.76 33	1.6 .03	.03 --	.3 .0	534 500	292 181	1.6
06/12/73 1540	1101 1101			7.7	1080	144 7.19 61	19 1.56 13	67 2.91 25	4.0 .10 1	0 .00	333 5.46 46	180 3.75 31	96 2.71 23	.0 .00	.30 .1	.5 .0	437 674		1.4
06/12/73 1445	1101 1101	75 24	F C	7.7	547	58 2.89 50	8.0 .66 12	49 2.13 37	2.0 .05 1	0 .00	216 3.54 60	70 1.46 25	31 .87 15	.0 .00	.00 .3 .0		177 1	1.6	
05/11/73 1800	5050 5050	74 23	F C	7.5	700 934	95 4.74 52	13 1.07 12	74 3.22 35	2.4 .06 1	0 .00	175 2.87 31	91 1.89 21	155 4.37 48	.6 .01	.16 --	.1 .0	552 517	291 147	1.9

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																				
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE								MILLIGRAMS PER LITER						REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
06/12/73 1530	1101 1101	79 26	F C	8.3	399	1.00 23	1.0 2	72 73	2.0 1	0 0	194 3.18 74	10 .21 5	33 .93 22	.0 0	.00 0	.5 0		54 0		4.3
06/12/73 1590	1101 1101	76 24	F C	7.7	718	3.64 50	8.0 9	67 40	2.0 1	0 0	194 3.18 43	102 2.12 29	75 2.12 29	.0 0	.00 0	.4 0		215 56		2.0
06/12/73 1515	1101 1101	79 26	F C	8.2	379	.90 22	2.0 4	68 73	1.0 1	0 0	190 3.11 76	13 .27 7	25 .71 17	.0 0	.00 0	.5 0		53 0		4.1
05/31/73 1830	5050 5050					37 1.05 39	9.6 .79 17	46 2.00 43	1.8 .05 1	0 0	218 3.57 75	39 .81 17	13 .37 8	.2 0	.06 0	.3 0		278 254	132 0	1.7
05/27/73	5050 5050	68 20	F C	8.6	460	55 2.74 56	7.6 .63 13	33 1.44 30	2.1 .05 1	14 .47 9	243 3.98 74	30 .62 12	11 .31 6	.8 0	.00 0	.2 0		282 273	168 0	1.1
05/15/73 1340	1101 1101	64 19	F C	7.9	464	44 2.20 45	11 .90 18	41 1.78 36	2.0 .05 1	0 0	235 3.85 76	33 .69 14	19 .54 11	.0 0	.05 0	.6 1		155 0		1.4
05/17/73	1101 1101					50 2.50 57	9.0 .74 17	24 1.04 24	3.0 .08 2	0 0	221 3.62 82	24 .50 11	10 .28 6	.0 0	.00 0	.4 0		161 0		0.8
04/03/73	4206 4206					9.5 .47 12	.3 .02 1	78 3.43 87	1.2 .03 1	5.0 .17	167 2.74	1.0 .02	37 1.05	--	--	.5 18.5		232* 234	25 0	6.9
09/04/73	4206 4206	78.0F 26.0C				9.2 .46 12	.3 .02 1	78 3.41 87	1.0 .03 1	4.4 .15 4	172 2.82 71	.6 .01	35 .99 25	.2 0	--	.5 18.5		244* 232	24 0	6.9
10/05/72	4206 4206					10 .52 13	.4 .03 1	76 3.34 85	1.4 .04 1	6.5 .22 5	176 2.88 70	7.2 .15 4	30 .86 21	.0 0	--	.5 17.5		228* 237	28 0	6.4
06/04/73	4206 4206					11 .55 13	.3 .02 1	79 3.48 85	1.1 .03 1	7.6 .25	182 2.98	.2 0	30 .85	--	--	.5 19.2		260* 239	29 0	6.5
03/21/73	4206 4206					13 .67 14	.6 .05 1	92 4.01 84	1.3 .03 1	4.3 .14	230 3.77	2.3 .05	21 .61	--	--	.5 19.0		260* 268	36 0	6.7
10/03/72	4206 4206					13 .66 18	1.2 .10 3	63 2.77 77	1.8 .05 1	4.0 .13	152 2.49 69	17 .36 10	22 .64 18	.0 0	--	.5 16.2		209* 215	38 0	4.5
01/30/73	4206 4206					13 .68 18	1.1 .09 2	66 2.90 78	1.4 .04 1	5.9 .20 5	149 2.44 65	20 .43 11	25 .71 19	.0 0	--	--		208* 226	39 0	4.7
06/05/73	1101 1101					16 .80 21	1.0 .08 2	66 2.87 76	1.0 .03 1	0 0	169 2.77 71	22 .46 12	23 .65 17	.0 0	.00 0	.5 0			44 0	4.3
08/01/73	4206 4206					18 .92 24	1.8 .15 4	61 2.66 71	1.6 .04 1	4.1 .14	159 2.61	30 .62	12 .35	--	--	.5 16.9		245* 224	53 0	3.6
03/21/73	4206 4206					18 .91 24	1.5 .12 3	63 2.76 72	1.7 .04 1	2.6 0	150 2.46	22 .47	24 .69	--	--	.5 17.4		212* 226	52 0	3.8
05/07/73 2000	5050 5050	68.0F 20.0C				36 1.80 48	5.4 .44 12	34 1.48 39	2.1 .05 1	0 0	188 3.08 80	21 .44 11	11 .31 8	.5 0	.01 0	.1 0		211 202	112 0	1.4
05/17/73	1101 1101					7.0 .35 8	.0 .00	84 3.74 91	1.0 .03 1	0 0	195 3.20 77	.0 0	34 .96 23	.0 0	.00 0	.6 0			17 0	9.0
05/17/73	1101 1101					46 2.30 54	7.0 .58 14	30 1.31 31	3.0 .08 2	0 0	214 3.51 81	21 .44 10	13 .37 9	.0 0	.00 0	.4 0			143 0	1.1
05/17/73	1101 1101					47 2.35 57	6.0 .49 12	27 1.17 29	3.0 .08 2	0 0	218 3.57 85	18 .37 9	10 .28 7	.0 0	.00 0	.4 0			142 0	1.0

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
U U-05 U-05.A U-05.A5 04S/12W-13C03 S																				
11/03/72	4206				44	5.0	30	3.2	0	197	32	9.0	.0	--	.4		237*	131		
	4206		8.0	366	2.20 55	.41 10	1.32 33	.08 2	.00	3.23 78	.68 16	.25 6	.00	--	19.3		241	0	1.2	
04/03/73	4206				43	5.2	31	3.0	0	201	16	8.1	--	--	.3		243*	130		
	4206		8.2	408	2.18 54	.43 11	1.37 34	.08 2	.00	3.29 85	.33 9	.23 6	.00	--	21.5		228	0	1.2	
07/23/73	1101				46	5.0	32	2.0	0	199	25	18	.0	.08	.3			135		
	1101		7.8	398	2.30 55	.41 10	1.39 33	.05 1	.00	3.26 76	.52 12	.51 12	.00	--	.0		226	0	1.2	
07/03/73	4206				44	4.9	28	2.7	0	198	17	9.8	--	--	.3		220*	131		
	4206		8.2	366	2.21 56	.40 10	1.25 32	.07 2	.00	3.25 84	.36 9	.28 7	.00	--	21.5		226	0	1.1	
04S/12W-13D03 S																				
10/06/72	4206				44	5.5	25	3.1	0	204	23	6.8	.0	--	.3		207*	138		
	4206		8.2	364	2.30 59	.45 11	1.10 28	.08 2	.00	3.41 83	.49 12	.19 5	.00	--	20.1		233	0	0.9	
03/06/73	4206				44	5.5	26	2.8	0	204	13	7.1	--	--	.4		207*	135		
	4206		8.1	362	2.24 57	.45 12	1.14 29	.07 2	.00	3.34 87	.28 7	.20 5	.00	--	23.8		224	0	1.0	
06/05/73	4206				49	5.5	23	2.8	0	217	11	7.4	--	--	.3		240*	146		
	4206		8.1	372	2.46 61	.45 11	1.04 26	.07 2	.00	3.56 89	.23 6	.21 5	.00	--	23.3		230	0	0.9	
07/03/73	4206				44	5.4	31	2.6	0	208	10	14	--	--	.3		241*	133		
	4206		8.2	356	2.22 54	.44 11	1.36 33	.07 2	.00	3.41 84	.23 8	.41 10	.00	--	19.8		231	0	1.2	
04S/12W-13N02 S																				
10/03/72	4206				15	1.8	67	2.3	3.8	164	39	15	.0	--	.5		242*	46		
	4206		8.6	384	.77 20	.15 4	2.95 75	.06 2	.13 3	2.69 66	.83 20	.43 11	.00	--	16.5		243	0	4.3	
01/31/73	4206				16	1.6	73	1.8	4.7	162	36	17	.0	--	.5		231*	47		
	4206		8.6	385	.81 19	.13 3	3.19 76	.05 1	.16 4	2.66 65	.77 19	.49 12	.00	--	18.7		250	0	4.7	
08/01/73	4206				15	1.5	68	1.8	4.1	164	30	14	--	--	.5		245*	44		
	4206		8.6	377	.76 20	.12 3	2.98 76	.05 1	.14	2.69	.64	.41	.00	--	17.1		234	0	4.5	
04S/12W-14A02 S																				
10/03/72	4206				48	6.1	24	3.6	0	203	30	8.7	.0	--	.4		238*	146		
	4206		7.9	395	2.42 60	.50 12	1.04 26	.09 2	.00	3.33 79	.64 15	.25 8	.00	--	19.2		239	0	0.9	
01/30/73	4206				49	5.9	24	3.2	0	203	21	8.8	.0	--	.4		226*	149		
	4206		8.1	384	2.49 60	.49 12	1.07 26	.08 2	.00	3.33 83	.45 11	.25 8	.00	--	20.8		235	0	0.9	
09/04/73	4206	71.6F 22.0C	8.0	388	2.39 62	.48 12	.93 24	.08 2	.00	3.33 84	.42 11	.23 6	.00	--	19.8		241*	143		
	4206				47	5.8	21	3.3	0	203	20	8.0	.0	--	.4		226	0	0.8	
04S/12W-14C02 S																				
06/05/73	4206				4.5	.2	74	.7	11	152	1.6	24	--	--	.6		219*	12		
	4206		8.9	337	.22 6	.02 1	3.26 93	.02 1	.40	2.49	.03	.69	.00	--	19.6		213	0	9.4	
07/31/73	4206				4.6	.2	80	.7	10	163	.2	24	--	--	.5		246*	12		
	4206		8.9	353	.23 6	.02 1	3.48 93	.02 1	.35	2.67	.00	.70	.00	--	17.4		218	0	9.9	
04S/12W-14C05 S																				
10/03/72	4206				33	4.2	34	2.9	0	174	30	9.0	.0	--	.4		222*	101		
	4206		8.1	349	1.68 47	.35 10	1.48 41	.07 2	.00	2.85 76	.64 17	.25 7	.00	--	16.8		217	0	1.5	
01/30/73	4206				33	4.1	36	2.6	0	174	21	9.1	.0	--	.4		199*	101		
	4206		8.1	335	1.69 46	.34 9	1.57 43	.07 2	.00	2.85 80	.45 13	.26 7	.00	--	19.7		213	0	1.6	
06/05/73	1101				40	5.0	33	2.0	0	179	25	11	.0	.00	.3			120		
	1101		8.0	340	2.00 51	.41 11	1.44 37	.05 1	.00	2.93 78	.52 14	.31 8	.00	--	.0		204	0	1.3	
09/04/73	4206	73.4F 23.0C	8.2	343	1.56 47	.31 9	1.39 42	.06 2	.00	2.84 81	.42 12	.24 7	.00	--	.4		220*	94		
	4206				31	3.8	32	2.5	0	173	28	8.4	.0	--	.4		201	0	1.4	
04S/12W-14K01 S																				
03/26/73	4206				32	2.4	42	2.2	2.8	168	27	10	--	--	.3		228*	90		
	4206		8.4	350	1.60 43	.20 5	1.83 50	.06 2	.09	2.75	.57	.29	.00	--	19.2		221	0	1.9	
04S/12W-14P01 S																				
10/03/72	4206				19	1.8	50	2.0	2.8	157	20	14	.0	--	.4		181*	56		
	4206		8.5	330	.98 29	.15 4	2.21 65	.05 1	.09	2.57 74	.42 12	.40 11	.00	--	16.3		205	0	2.9	
04S/12W-14R01 S																				
03/22/73	4206				37	4.3	39	3.2	0	178	40	13	--	--	.4		256*	112		
	4206		8.1	394	1.88 47	.35 9	1.73 43	.08 2	.00	2.92 71	.83 20	.37 9	.00	--	20.7		246	0	1.6	



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REMARKS
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																			
U U-05 U-05.A U-05.A5 04S/12W-16J01		S																	
6/12/72	1101		8.1	289	12	1.0	53	1.0	0	144	3.0	24	.0	.00	--		34		
	1101				.60 20	.08 3	2.31 74	.03 1	.09	2.36 76	.06 2	.68 22	.00		--	165	0	4.0	
10/03/72	4206		8.7	301	12	1.1	52	1.4	5.2	132	6.4	23	1.0	--	.5	181*	36		
	4206				.62 21	.09 3	2.27 75	.04 1	.17 5	2.16 59	.13 4	.67 21	.02 1		14.4	183	0	3.8	
05/01/73	4206		8.6	302	12	1.0	54	1.1	4.4	134	8.2	23	--	--	.5	176*	36		
	4206				.63 20	.08 3	2.44 77	.03 1	.15	2.20	.17	.67			16.3	190	0	4.1	
05/23/73	1101		8.0	306	11	2.0	55	1.0	0	142	3.0	25	.0	.00	.4		35		
	1101				.55 18	.16 5	2.39 74	.03 1	.00	2.33 75	.06 2	.71 23	.00		.0	167	0	4.0	
08/01/73	4206		8.6	293	12	1.0	56	1.1	4.7	134	.4	23	--	--	.5	211*	36		E
	4206				.64 20	.08 3	2.45 77	.03 1	.16	2.20	.01	.65			14.5	180	0	4.1	
04S/12W-16R01		S																	
10/03/72	4206		8.7	317	12	.9	58	1.5	5.2	148	11	18	.0	--	.5	179*	34		
	4206				.61 19	.07 2	2.52 78	.04 1	.17 5	2.43 73	.24 7	.51 15	.00		15.4	196	0	4.3	
01/31/73	4206		8.6	320	12	.9	60	1.2	4.6	149	8.6	19	.0	--	.5	191*	34		
	4206				.61 18	.07 2	2.64 79	.03 1	.15 5	2.44 73	.18 5	.55 17	.00		17.8	199	0	4.5	
08/01/73	4206		8.7	312	12	.9	62	1.2	5.8	148	5.8	17	--	--	.5	224*	35		E
	4206				.61 18	.07 2	2.71 79	.03 1	.19	2.43	.12	.48			15.4	194	0	4.6	
04S/12W-17E01		S																	
10/06/72	4206		8.9	374	6.3	.3	79	1.1	10	183	7.2	23	.0	--	.6	217*	17		
	4206				.31 8	.02 1	3.47 91	.03 1	.34 8	3.00 72	.15 4	.66 16	.00		16.4	234	0	8.4	S
06/05/73	4206		8.7	378	6.5	.3	81	.9	6.7	188	.2	25	--	--	.5	246*	17		
	4206				.32 8	.02 1	3.55 91	.02 1	.22	3.08	.00	.72			18.2	232	0	8.5	
07/03/73	4206		8.8	369	6.1	.3	83	.8	9.4	183	.8	25	--	--	.5	249*	16		
	4206				.30 8	.02 1	3.65 91	.02 1	.31	3.00	.02	.71			17.3	234	0	9.0	
04S/12W-17N02		S																	
03/19/73	4206		8.6	333	9.6	.9	89	1.2	5.8	163	.4	21	--	--	.6	197*	28		
	4206				.48 13	.07 2	3.04 84	.03 1	.19	2.67	.01	.60			17.1	206	0	5.8	
04S/12W-17P03		S																	
10/05/72	4206		8.7	325	11	1.0	63	1.5	5.8	150	6.8	23	.0	--	.5	190*	32		
	4206				.55 16	.08 2	2.77 81	.04 1	.19 5	2.46 71	.14 4	.67 19	.00		15.0	202	0	4.9	
05/01/73	4206		8.7	328	11	.9	61	1.2	5.2	152	6.2	24	--	--	.5	198*	32		
	4206				.57 17	.07 2	2.65 80	.03 1	.17	2.49	.13	.68			17.2	202	0	4.7	
07/03/73	4206		8.7	307	11	.8	70	1.1	5.8	152	1.2	26	--	--	.5	216*	32		E
	4206				.56 15	.07 2	3.05 82	.03 1	.19	2.49	.02	.75			16.2	208	0	5.4	
04S/12W-17Q01		S																	
10/05/72	4206		8.8	340	8.0	.6	66	1.3	10	156	12	21	.0	--	.6	203*	22		
	4206				.40 12	.05 1	2.88 86	.03 1	.34 9	2.56 88	.26 7	.62 16	.00		15.3	213	0	6.1	S
06/05/73	4206		8.7	340	7.3	.5	70	1.0	7.2	164	.2	23	--	--	.6	221*	20		
	4206				.36 10	.04 1	3.07 88	.03 1	.24	2.69	.00	.65			17.8	208	0	6.8	
07/31/73	4206		8.7	318	9.6	.7	82	1.1	5.2	153	.6	21	--	--	.6	229*	27		E
	4206				.48 15	.06 2	2.74 83	.03 1	.17	2.51	.01	.62			15.9	193	0	5.3	
04S/12W-20G01		S																	
03/22/73	4206		8.7	336	10	.8	70	1.0	9.0	165	3.1	20	--	--	.6	205*	38		
	4206				.54 15	.07 2	3.05 83	.03 1	.30	2.70	.06	.59			16.8	214	0	5.6	
04S/12W-20J04		S																	
03/19/73	4206		8.7	461	5.6	.7	107	1.2	13	243	2.7	20	--	--	.7	294*	17		
	4206				.28 8	.06 1	4.65 93	.03 1	.44	3.98	.06	.58			18.0	288	0	11.3	
04S/12W-21M05		S																	
03/15/73	4206		8.8	308	14	1.1	81	1.2	9.0	133	16	16	--	--	.5	203*	40		
	4206				.70 29	.09 3	2.69 77	.03 1	.30	2.18	.34	.46			16.3	204	0	4.3	
04S/12W-23C01		S																	
01/30/73	4206		8.6	332	20	1.8	53	1.6	5.2	149	18	15	.0	--	.4	201*	58		
	4206				1.01 29	.15 4	2.33 86	.04 1	.17 5	2.44 71	.38 11	.43 13	.00		17.5	206	0	3.1	
09/04/73	4206	79.7F 26.5C	8.6	333	18	1.7	49	1.6	3.5	154	19	14	.0	--	.4	233*	54		
	4206				.94 29	.14 4	2.17 66	.04 1	.12 3	2.52 73	.41 12	.41 12	.00		17.5	203	0	3.0	

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				REMARKS					
				CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH NCH		SAR				
				LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																		
10/03/72	4206 4206			10 .53 14	.8 .07 2	69 3.04 83	1.6 .04 1	5.0 .17 5	149 2.44 67	29 .62 17	15 .43 12	.0 .00	-- 14.6	.6 221	197*	30 0	5.6					
01/31/73	4206 4206			9.3 .46 13	.5 .04 1	70 3.05 85	1.1 .03 1	10 .34 9	134 2.20 61	30 .64 18	14 .39 11	1.0 .02 1	-- 16.5	.6 219	198*	25 0	6.1					
06/05/73	1101 1101			10 .50 13	2.0 .16 4	74 3.22 82	1.0 .03 1	0 .00 1	161 2.64 70	32 .67 18	16 .45 12	.0 .00	.00 .3	.3 214		33 0	5.6					
08/01/73	4206 4206			10 .52 15	.8 .07 2	63 2.74 82	1.3 .03 1	5.6 .19 1	149 2.44 52	24 .52 38	13 .38	-- 14.9	-- 14.9	.6 208	252*	29 0	5.1					
10/03/72	4206 4206			10 .93 25	1.9 .16 4	59 2.58 69	2.2 .06 2	3.2 .11 3	161 2.64 70	30 .63 17	13 .39 10	.0 .00	-- 15.8	.5 216*	224	54 0	3.5					
01/31/73	4206 4206			19 .97 25	1.9 .16 4	61 2.67 70	1.7 .04 1	3.6 .12 3	160 2.62 69	30 .64 17	14 .40 11	.0 .00	-- 18.2	.5 213*	230	57 0	3.6					
06/05/73	1101 1101			18 .90 22	4.0 .33 8	64 2.78 69	1.0 .03 1	0 .00 1	166 2.72 70	34 .71 18	16 .45 12	.0 .00	.00 .0	.5 219		61 0	3.6					
09/05/73	4206 4206			18 .92 25	1.8 .15 4	58 2.54 70	1.6 .04 1	4.9 .16 4	158 2.59 69	29 .62 17	13 .37 18	.0 .00	-- 17.9	.5 209*	224	53 0	3.5					
06/06/73	1101 1101			2.0 .10 3	1.0 .08 2	83 3.61 95	.0 .00 1	0 .00 1	190 3.11 88	.0 .00 1	15 .42 12	.0 .00	.00 .1	.4 195		9 0	12.0					
05/15/73	1101 1005	70 F 21 C	7.9	46 2.30 45	8.0 .66 13	49 2.13 41	2.0 .05 1	0 .00 1	225 3.69 73	48 1.00 20	13 .37 7	.0 .00	.00 .2	.5 277		147 0	1.8					
03/15/73	4206 4206			4.7 .23 6	.5 .04 1	81 3.55 92	.8 .02 1	11 .38 1	181 2.97 1	2.3 .05 1	19 .55	-- 20.1	-- 20.1	.6 227*	230	14 0	9.6					
03/14/73	4206 4206			5.3 .26 6	.4 .03 1	89 3.87 93	.9 .02 1	12 .40 1	202 3.31 1	1.0 .02 1	18 .53	-- 20.3	-- 20.3	.7 236*	247	15 0	10.0					
03/12/73	4206 4206			4.6 .23 6	.3 .02 1	81 3.56 93	.8 .02 1	11 .39 1	178 2.92 1	2.5 .05 1	17 .49	-- 19.9	-- 19.9	.7 227*	227	13 0	10.0					
05/22/73	1101 1101			11 .55 14	2.0 .16 4	74 3.22 81	1.0 .03 1	0 .00 1	202 3.31 79	13 .27 6	21 .59 14	.0 .00	.00 .1	.5 221		35 0	5.4					
06/05/73	1101 1101			23 1.15 23	2.0 .16 3	82 3.57 73	1.0 .03 1	0 .00 1	239 3.92 77	6.0 .12 2	36 1.02 20	.0 .00	.00 .0	.4 268		65 0	4.4					
10/17/72	1101 1101	70 F 21 C	7.4	58 2.89 46	16 1.32 21	47 2.04 32	2.0 .05 1	0 .00 1	242 3.97 64	53 1.10 18	32 .90 14	17.6 .28	.00 --	-- 345		210 12	1.4					
10/16/72	1101 1101			67 3.34 53	20 1.64 26	28 1.22 20	2.0 .05 1	0 .00 1	218 3.57 57	57 1.19 19	36 1.02 16	28.2 .45 7	.00 --	-- 5		249 71	0.8					
11/30/72	1200 1200			112 5.59 49	42 3.45 30	51 2.22 20	2.3 .06 1	-- 1	354 5.80 54	121 2.52 23	83 2.34 22	9.3 .15 1	.21 27.0	.4 27.0		452	1.0					
11/30/72	1200 1200			64 3.19 47	25 2.06 30	36 1.57 23	1.6 .04 1	-- 1	256 4.20 64	57 1.19 18	39 1.10 17	2.1 .03	.18 28.0	.5 28.0		264	1.0					
10/17/72	1101 1101			73 3.64 58	17 1.40 22	25 1.09 17	4.0 .10 2	0 .00 1	212 3.47 55	70 1.46 23	41 1.16 18	14.0 .23	.20 --	-- 348		252 79	0.7					
10/05/72	1200 1200	68.9F 7.8 20.5C 7.9	454	54 2.69 57	11 .90 19	24 1.04 22	2.3 .06 1	-- 1	205 3.36 71	47 .98 21	11 .31 7	6.9 .11 2	-- 21.0	.4 21.0		180	0.8					

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																									
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER						REM				
					CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA																									
10/05/72	1200 1200	U U-05 U-05.8 U-05.81 01N/14W-06N01	S	61.7F 16.5C	7.6 7.7	506	64 3.19 62	13 1.07 21	19 .83 16	1.9 .05 1	--	210 3.44 66	.41 .85 16	28 .56 11	23.0 .37 7	--	.4 22.0			212				0.6	
06/06/73	5050 0920	01N/14W-06P02	S	59.0F 15.0C	8.2	496	60 2.99 60	13 1.07 22	19 .83 17	2.9 .07 1	0	206 3.38 66	.40 .83 16	19 .54 11	22.0 .35 7	.16	.4 --	304 277	203 34					0.6	
10/16/72	1101 1101	01N/14W-09H01	S		7.5	781	80 3.99 56	21 1.73 24	29 1.26 18	4.0 .10 1	0	278 4.56 66	.55 1.15 17	25 .71 10	31.7 .51 7	.00	--	382	286 58					0.7	
06/06/73	5050 1030	01N/14W-09H04	S	65.0F 18.3C	8.1	482	35 1.75 38	18 1.48 32	29 1.26 27	3.9 .10 2	0	166 2.72 60	.54 1.12 25	17 .48 11	12.0 .19 4	.21	.6 --	273 251	160 26					1.0	
10/16/72	1101 1101	01N/14W-09P01	S		7.9	642	55 2.74 52	12 .99 19	32 1.39 27	4.0 .10 2	0	215 3.52 70	.54 1.12 22	14 .39 8	1.5 .02	.00	--	278	186 11					1.0	
10/25/72	1101 1440	01N/14W-13R01	S	69 F 21 C	7.7	480	55 2.74 54	10 .82 16	33 1.44 28	4.0 .10 2	0	222 3.64 69	.53 1.10 21	18 .51 10	2.8 .05 1	.00	--	285	178 0					1.1	
10/16/72	1101 1101	01N/14W-14B08	S		7.9	690	54 2.69 49	15 1.23 22	34 1.48 27	3.0 .08 1	0	225 3.69 69	.47 .98 18	18 .51 16	7.9 .13 2	.00	--	290	196 12					1.1	
10/05/72	1200 1200	01N/14W-16D01	S	70 F 21 C	7.6 7.7	754	90 4.49 55	19 1.56 19	47 2.04 25	3.2 .08 1	--	218 3.57 44	.179 3.73 46	22 .62 8	11.0 .18 2	--	.4 24.0			302				1.2	
10/17/72	1101 1101	01N/14W-23E02	S		7.6	1050	115 5.74 49	35 2.88 24	70 3.05 26	4.0 .10 1	0	253 4.15 35	.279 5.81 50	57 1.61 14	10.0 .16 1	.00	--	694	431 224					1.5	
10/20/72	1200 1200	01N/14W-24E06	S	70 F 21 C	7.4 7.4	1040	102 5.09 47	27 2.22 20	80 3.48 32	4.7 .12 1	--	234 3.84 35	.236 4.91 44	78 2.20 20	8.8 .14 1	--	.4 21.0			366				1.8	
10/17/72	1101 1101	01N/14W-28B01	S		7.3	1870	182 9.08 45	51 4.19 21	160 6.96 34	5.0 .13 1	0	472 7.74 38	.510 10.62 52	70 1.97 10	14.8 .24 1	.00	--	1225	664 277					2.7	
10/05/72	1200 1200	01N/15W-01002	S	70 F 21 C	7.6	940	101 5.04 48	30 2.47 24	66 2.87 28	2.0 .05	--	259 4.25 42	.234 4.87 48	24 .68 7	22.0 .35 3	--	.4 23.0			376				1.5	
10/05/72	1200 1200	01N/15W-02Q01	S	77 F 25 C	7.6 7.6	1440	164 8.18 50	41 3.37 20	112 4.87 30	2.9 .07	--	222 3.64 22	.568 11.83 70	48 1.13 7	18.0 .29 2	--	.3 22.0			580				2.0	
10/17/72	1101 1101	01N/15W-25D01	S		7.1	1590	211 10.53 57	58 4.77 24	72 3.13 17	2.0 .05	0	611 10.01 53	.228 4.75 25	116 3.27 17	49.6 .80 4	.00	--	1037	745 265					1.1	
10/26/72	1200 1200	01N/16W-03Q03	S	70.7F 21.5C	7.5 7.2	1870	236 11.78 53	67 5.51 25	116 5.05 23	2.1 .05	--	342 5.61 25	.687 14.30 63	85 2.40 11	32.0 .52 2	--	.4 33.0			865				1.7	
09/26/73	1101 1101				7.2	1520	176 8.78 50	49 4.03 23	105 4.57 26	2.0 .05	0	323 5.29 30	.490 10.20 58	66 1.86 11	22.0 .35 2	--	.4 --	1069	641 376					1.8	
10/11/72	1101 1330	01N/17W-26P03	S	63 F 17 C	8.3	1780	8.0 .40 2	4.0 .33 2	118 18.18 96	2.0 .05	0	750 12.29 64	.285 5.93 31	39 1.10 8	.0 .00	.00	--	1125	36 8					30.1	
10/17/72	1101 1101	02N/14W-30A01	S		7.2	623	83 4.14 56	21 1.73 23	33 1.44 19	4.0 .10 1	0	313 5.13 67	.97 2.02 26	14 .39 5	7.2 .12 2	.00	--	413	293 37					0.8	
10/17/72	1101 1101	02N/16W-07D02	S		7.2	1390	118 5.89 44	23 1.89 14	129 5.61 42	2.0 .05	0	321 5.26 40	.109 2.27 17	199 5.61 43	.0 .00	.60	--	738	389 126					2.8	
11/09/72	1101 1101	02N/16W-07H01	S	60 F 16 C	7.6	1860	247 12.33 53	70 5.76 25	120 5.22 22	6.0 .15	0	578 9.47 40	.579 12.05 51	72 2.03 4	3.0 .05	1.80	--	1383	904 431					1.7	



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR					
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA																							
10/26/72	1200 1200	72 22	F C	7.6 7.3	1160	152	32	67	1.2	--	336	283	51	18.0	--	.3	510	1.3					
						7.58	2.63	2.91	.03		5.51	5.89	1.44	.29		34.0							
09/26/73	1101 1101	7.3	1210			156	32	67	2.0	0	336	304	50	20.0	--	.3	796	245	1.3				
						7.78	2.63	2.91	.05	.00	5.51	6.33	1.41	.32		--							
10/26/72	1200 1200	70.7F 21.5C	7.6 7.3	964		124	29	44	1.9	--	311	198	31	28.0	--	.3	430	0.9					
						6.19	2.38	1.91	.05		5.10	4.12	.87	.45		32.0							
09/26/73	1101 1101	7.3	984			124	28	47	2.0	0	315	218	29	30.0	--	.3	633	167	1.0				
						6.19	2.30	2.04	.05	.00	5.16	4.54	.82	.48		.1							
10/26/72	1200 1200	70 21	F C	7.6 7.3	1000	132	32	45	2.0	--	317	233	29	23.0	--	.3	460	0.9					
						6.59	2.63	1.96	.51		5.20	4.85	.82	.37		32.0							
09/26/73	1101 1101	7.2	1020			132	29	46	2.0	0	311	243	28	22.0	--	.3	655	194	0.9				
						6.59	2.38	2.00	.05	.00	5.10	5.06	.79	.35		--							
10/17/72	1101 1101	7.1	2150			231	79	111	4.0	0	461	449	64	.0	.23	--	1365	524	1.6				
						11.53	6.50	4.83	.10	.00	7.56	13.51	1.80	.00		--							
10/17/72	1101 1101	7.1	1920			175	50	97	3.0	0	447	306	104	26.6	.00	--	981	276	1.7				
						8.73	4.11	4.22	.08	.00	7.33	6.37	2.93	.43		--							
10/17/72	1101 1101	7.2	1380			139	54	93	3.0	0	439	294	72	.0	.00	--	871	209	1.7				
						6.94	4.44	4.05	.08	.00	7.20	6.12	2.03	.00		--							
10/17/72	1101 1101	7.3	1560			149	74	48	1.0	0	448	270	84	.0	.50	--	847	310	0.8				
						7.44	6.09	2.09	.03	.00	7.34	5.62	2.37	.00		--							
10/26/72	1200 1200	70.7F 21.5C	7.4 7.2	1300		138	50	73	3.2	--	336	224	133	24.0	--	.3	550	1.4					
						6.89	4.11	3.18	.08		5.51	4.66	3.75	.39		28.0							
09/24/73	1101 1101	7.0	1300			136	46	74	3.0	0	372	209	116	28.0	--	.3	795	224	1.4				
						6.79	3.78	3.22	.08	.00	6.10	4.35	3.27	.45		--							
10/26/72	1200 1200	70 21	F C	7.6 7.2	1060	100	34	76	3.0	--	256	218	89	6.0	--	.3	390	1.7					
						4.99	2.80	3.31	.08		4.20	4.54	2.51	.10		28.0							
09/24/73	1101 1101	7.1	1220			116	39	85	3.0	0	299	225	112	14.0	--	.3	741	205	1.7				
						5.79	3.21	3.70	.08	.00	4.90	4.68	3.16	.23		--							
11/09/72	1200 1200	68.9F 20.5C	7.8 7.8	805		92	20	49	5.6	--	250	112	64	13.0	--	.3	310	1.2					
						4.59	1.64	2.13	.14		4.10	2.33	1.80	.21		22.0							
09/26/73	1101 1101	7.6	636			74	17	31	4.0	0	244	66	31	10.0	--	.3	353	55	0.8				
						3.69	1.40	1.35	.10	.00	4.00	1.37	.87	.16		--							
10/17/72	1101 1101	7.2	1210			143	71	40	3.0	0	329	316	41	84.6	.00	--	860	380	0.7				C
						7.14	5.84	1.74	.08	.00	5.39	6.58	1.16	1.36		--							
10/17/72	1101 1101	7.7	599			46	10	36	2.0	0	214	20	19	6.7	.00	--	245	156	1.3				C
						2.30	.82	1.57	.05	.00	3.51	.42	.54	.11		--							
06/06/73	5050 1000	68.0F 20.0C	8.0	547		57	17	33	4.5	0	196	84	28	5.4	.03	.3	338	212	1.0				
						2.84	1.40	1.44	.12	.00	3.21	1.75	.79	.09		--							
10/17/72	1101 1101	7.6	607			56	12	28	3.0	0	208	42	17	14.9	.50	--	276	189	0.9				
						2.79	.99	1.22	.08	.00	3.41	.87	.48	.24		--							
TUJUNGA HYDRO SUBAREA																							
10/16/72	1101 1101	67 19	F C	8.6	328	17	6.0	41	5.0	4.0	103	25	28	.0	.00	--	177	67	2.2				
						.05	.49	1.78	.13	.13	1.69	.52	.79	.00		--							

TABLE F-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
.....																			
U-05 U-05.B U-05.B3 02N/14W-13E04		LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT TUJUNGA HYDRO SUBAREA																	
10/30/72	1200	68.9F	7.1		43	16	23	2.7	--	102	15	10	41.0	--	.3		172		
	1200	20.5C	7.0	455	2.15 47	1.32 29	1.00 22	.07 2		2.98 67	.31 7	.51 11	.66 15		38.0				0.8
10/16/72	1101	70 F		78	33	40	9.0	0	363	100	19	5.9	.00	--		330			
	1101	21 C	8.1	755	3.09 45	2.71 32	1.74 20	.23 3	.00	5.95 69	2.08 24	.54 6	.10 1	--	--	443	33	1.0	
10/25/72	1101	72 F		25	3.0	34	1.0	0	138	5.0	18	5.3	.00	--		74			
	1545	22 C	7.9	285	1.25 42	.25 8	1.48 49	.03 1	.00	2.26 76	.10 3	.51 17	.09 3	--	--	159	0	1.7	
10/16/72	1101	72 F		62	15	37	4.0	0	239	40	25	33.8	.00	--		216			
	1101	22 C	7.1	577	3.09 51	1.23 20	1.61 27	.10 2	.00	3.92 65	.83 14	.71 12	.55 9	--	--	334	20	1.1	
10/16/72	1101	67 F		162	57	100	7.0	0	375	455	36	1.7	.00	--		639			
	1101	19 C	7.1	1460	8.08 47	4.69 27	4.35 25	.18 1	.00	6.15 36	10.12 58	1.02 6	.03	--	--	1034	331	1.7	
10/16/72	1101	68 F		119	35	79	5.0	0	323	287	29	4.9	.00	--		441			
	1101	20 C	7.6	1080	5.94 48	2.88 23	3.44 28	.13 1	.00	5.29 43	5.98 49	.82 7	.08 1	--	--	718	177	1.6	
U-05.B4 01N/13W-10F03		VERDUGO HYDRO SUBAREA																	
10/16/72	1101			80	29	31	3.0	0	177	81	57	75.2	.00	--		319			
	1101		6.7	686	3.99 51	2.38 31	1.35 17	.08 1	.00	2.90 39	1.69 23	1.61 22	1.21 16	--	--	443	174	0.8	S
10/16/72	1101	67 F		69	24	29	3.0	0	189	43	58	57.8	.00	--		271			
	1101	19 C	6.7	684	3.44 51	1.97 29	1.26 19	.08 1	.00	3.10 47	.90 14	1.64 25	.93 14	--	--	377	116	0.8	
10/16/72	1101	70 F		83	33	40	4.0	0	173	104	75	80.0	.00	--		343			
	1101	21 C	6.6	862	4.14 48	2.71 31	1.74 20	.10 1	.00	2.84 34	2.17 26	2.12 25	1.29 15	--	--	504	201	0.9	
10/15/72	1101	71 F		55	20	45	3.0	0	163	62	48	61.0	.00	--		219			
	1101	22 C	6.9	650	2.74 43	1.64 26	.08 31	.00	2.67 42	1.29 21	1.35 21	.98 16	--	--	374	86	1.3		
10/16/72	1101	69 F		65	26	31	4.0	0	164	55	54	73.2	.00	--		269			
	1101	21 C	6.7	696	3.24 47	2.14 31	1.35 20	.10 1	.00	2.69 41	1.15 18	1.52 23	1.18 18	--	--	334	135	0.8	
10/16/72	1101	68 F		56	19	27	3.0	0	167	28	42	53.4	.00	--		218			
	1101	20 C	7.1	568	2.79 50	1.56 28	1.17 21	.08 1	.00	2.74 51	.58 11	1.18 22	.86 16	--	--	311	81	0.8	
U-05.B5 01N/13W-35N06		EAGLE ROCK HYDRO SUBAREA																	
10/16/72	1101			72	34	50	1.0	0	252	100	60	29.0	.00	--		319			
	1101		7.1	992	3.59 42	2.80 33	2.18 25	.03 0	.00	4.13 49	2.08 25	1.69 20	.47 6	--	--	470	113	1.2	
U-05.C U-05.C1 01N/11W-07N01		RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA																	
08/29/73	1101			82	12	17	2.0	0	212	24	18	25.5	.00	1.7		204			
	1101		7.2	479	3.09 63	.99 20	.74 15	.05 1	.00	3.47 71	.50 10	.51 10	.41 8	--	.0	265	31	0.5	
08/29/73	1101			41	12	21	2.0	0	176	12	17	24.8	.00	1.8		151			
	1101		7.6	386	2.05 51	.99 25	.91 23	.05 1	.00	2.88 72	.25 8	.48 12	.40 10	--	.0	214	8	0.7	
04/30/73	3210	86 F		39	8.6	24	--	0	168	17	18	7.8	--	1.2		242			
	3210	19 C	7.8		1.96 53	.71 19	1.04 28	.00	2.75 73	.36 10	.51 14	.13 3	--	24.7	222	0	0.9		
08/22/73	1101	71 F		39	9.0	25	10	0	173	20	16	10.9	.00	.9		134			
	1400	22 C	7.9	366	1.95 48	.74 18	1.09 27	.26 6	.00	2.84 73	.42 11	.45 12	.18 5	--	.0	215	0	0.9	
08/20/73	1101	70 F		52	13	21	2.0	0	205	25	18	17.0	.00	1.0		183			
	1115	21 C	7.6	444	2.59 56	1.07 23	.91 20	.05 1	.00	3.36 72	.52 11	.51 11	.27 5	--	.0	249	15	0.7	
08/22/73	1101	85 F		88	12	20	2.0	0	173	19	16	10.3	.00	1.2		144			
	0845	29 C	7.3	360	1.90 50	.99 26	.87 23	.05 1	.00	2.84 74	.40 10	.45 12	.17 4	--	.2	203	3	0.7	

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

MINERAL ANALYSES OF GROUND WATER																								
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA																								
04/30/73	3210 3210			7.4		58 2.90 52	17 1.44 26	28 1.25 22	-- .00	0 3.11 57	190 1.04 19	50 .90 16	32 25.3 .41 8	-- 29.0	.8 .7	420 334	234 62	0.9	T					
08/22/73	1101 1300		74 23	F C	7.8	701	73 49	23 25	43 25	3.0 1.87 1	0 .08 1	235 1.74 52	97 2.02 27	43 21.2 .34 5	.00 .7	.7 .7	419	276 84	1.1					
08/22/73	1101 1315		80 27	F C	7.8	327	27 1.35 42	8.0 .66 20	27 1.17 36	2.0 .05 2	0 .00	106 1.74 53	25 .52 16	20 28.7 .46 14	.00 .0	1.0 .0	190	100 14	1.2					
08/20/73	1101 1200		70 21	F C	7.4	752	87 4.34 56	27 2.22 28	27 1.17 15	3.0 .08 1	0 .00	222 3.64 46	92 1.92 24	61 36.5 .59 7	.00 .6 .0	.6 .0	443	328 146	0.6					
08/22/73	1101 0920		77 25	F C	7.5	359	30 1.50 42	12 .99 27	25 1.09 30	1.0 .03 1	0 .00	138 2.26 61	9.0 .19 5	24 34.9 .56 15	.00 .7 .1	.7 .1	204	124 12	1.0					
09/00/73	5050 5050						62 3.09 49	21 1.73 28	32 1.39 22	2.5 .06 1	0 .00	200 3.28 53	67 1.39 23	35 31.8 .51 8	.16 --	.7 --	363 350	241 77	0.9					
09/06/73	5050 5050						25 1.25 38	11 .90 27	26 1.13 34	1.3 .03 1	0 .00	126 2.07 63	20 .42 13	13 25.8 .37 13	.11 --	.8 --	197 184	108 4	1.1					
U-05.C2 01N/12W-05N01				MONK HILL HYDRO SUBAREA																				
04/30/73	3210 3210						56 2.83 57	18 1.48 30	14 .64 13	-- .00	0 .00	227 3.72 74	22 .47 9	18 18.4 .51 10	-- 32.3	.4 .30	332 292	216 30	0.4					
04/30/73	3210 3210						49 2.48 47	14 1.20 23	36 1.60 30	-- .00	0 .00	255 4.18 81	20 .42 8	14 9.0 .41 8	-- 26.5	.7 .15	316 296	184 0	1.2					
04/30/73	3210 3210						44 2.24 53	14 1.16 27	19 .84 20	-- .00	0 .00	192 3.15 74	20 .42 10	14 15.4 .25 6	-- 27.3	.8 .25	294 250	170 13	0.6					
08/22/73	1101 1101						37 1.85 24	16 1.32 17	105 4.57 58	3.0 .10 1	0 .00	148 2.43 31	150 3.12 40	66 26.7 .43 5	.00 .1	.7 .1	477	158 37	3.6					
U-05.C3 01N/11W-21H03				SANTA ANITA HYDRO SUBAREA																				
06/05/73	5050 1430		82.0F 27.8C		7.7	365	32 1.60 45	10 .82 23	26 1.13 31	1.5 .04 1	0 .00	148 2.43 88	27 .56 16	13 15.0 .37 10	.13 --	.9 .24	165 197	121 0	1.0					
U-05.D 01N/09W-19K01				SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																				
08/09/73	1101 0915		75 24	F C	7.1	774	112 5.59 66	21 1.73 20	26 1.13 13	2.0 .05 1	0 .00	358 5.87 67	100 2.08 24	21 12.9 .59 7	.00 .4 .0	.4 .0	471	366 73	0.6					
08/09/73	1101 1055		80 27	F C	7.7	729	90 4.49 58	24 1.97 26	26 1.13 15	4.0 .10 1	0 .00	233 3.82 48	58 1.21 15	35 117 .99 13	.00 .3 .0	.3 .0	469	323 132	0.6					
08/09/73	1101 0835						81 4.04 59	22 1.81 27	20 .87 13	3.0 .08 1	0 .00	226 3.70 54	69 1.44 21	20 67.8 .56 8	.00 .4 .0	.4 .0	394	292 108	0.5					
09/19/73	1101 1230		73 23	F C	8.0	328	43 2.15 61	11 .90 26	9.0 .39 11	3.0 .10 2	0 .00	179 2.93 80	27 .56 15	6.0 .17 5	.00 .2 .0	.2 .0	187	152 6	0.3					
07/10/73	5136 0100		89.0F 31.6C		6.6 7.9	840	130 6.49 63	34 2.80 27	20 .87 8	5.3 .14 1	0 .00	558 9.15 88	29 .60 6	23 2.0 .65 8	.06 --	.1 --	503 518	464 7	0.4	C				
07/10/73	5136 0100						6.9 7.4											184 155						
08/14/73	1101 1400		69 21	F C	8.1	446	59 2.94 62	15 1.23 26	11 .48 10	4.0 .10 2	0 .00	289 3.43 70	42 .87 18	18 5.9 .51 10	.00 .4 .0	.4 .0	258	289 37	0.3					



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																				
DATE	SAMPLER	TEMP	FIELD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REM
TIME	LAB		LABORATORY	PH	EC	CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	B	F	TDS	TH	SAR	
LOS ANGELES DRAINAGE PROVINCE																				
LA-SAN GABRIEL RIVER HYDRO UNIT																				
SAN GABRIEL VALLEY HYDRO SUBUNIT																				
MAIN SAN GABRIEL HYDRO SUBAREA																				
08/16/73	1101	66	F			67	14	15	4.0	8	229	37	17	25.8	.00	.9	224	37	0.4	
1330	1101	11	C	7.8	490	3.34	1.15	.65	.10	.00	3.75	.77	.48	.42	.0	.0	292			
						64	22	12	2		69	14	9	8						
07/09/73	5136																518	456		
	5050																			
		6.7																		
		7.5																		
07/09/73	5050	80.0F	7.0			93	17	16	3.7	0	294	42	18	36.6	.10	.2	401	302	0.4	
		26.6C	7.0			645	4.64	1.40	.70	.09	4.02	.67	.51	.59	--	--	371	61		
						68	20	10	1		71	13	8	9						
08/16/73	1101	70	F			34	7.0	30	1.0	0	190	10	11	.0	.00	.9	113			
1510	1101	21	C	7.9	331	1.70	.58	1.31	.03	.00	3.11	.21	.31	.00	.0	.0	186	0	1.2	
						47	16	36	1		86	6	9							
08/09/73	1101	96	F			68	22	62	2.0	0	211	85	38	115	.00	.9	260			
1110	1101	36	C	7.6	762	3.39	1.81	2.70	.05	.00	3.46	1.77	1.07	1.85	.0	.0	496	87	1.7	
						43	23	34	1		42	22	13	23						
09/00/73	5050																504	350		
	5050																491	167	0.7	
		8.2				801	4.14	2.88	1.35	.07	3.69	2.17	1.10	1.37	.00	.6				
							49	34	16	1	44	26	13	16						
09/19/73	1101	69	F			97	33	44	3.0	0	227	97	46	170	.00	.6	378			
1135	1101	21	C	7.3	904	4.84	2.71	1.91	.08	.00	3.72	2.02	1.30	2.74	.0	.0	602	192	1.0	
						51	28	20	1		38	21	13	28						
09/10/73	5050					91	35	28	3.1	0	232	94	40	103	.10	.7	509	373		
	5050																510	181	0.6	
		8.2				837	4.54	2.88	1.22	.08	3.80	2.00	1.13	1.64						
							52	33	14	1	44	23	13	19						
09/00/73	5050					41	9.7	16	1.6	0	139	31	7.4	25.0	.10	.7	209	142		
	5050																280	29	0.6	
		7.8				358	2.05	.80	.70	.04	2.28	.65	.21	.40						
							57	22	19	1	64	18	6	11						
09/05/73	5050					80	31	28	3.2	0	232	82	32	78.0	.01	.8	461	326		
	5050																448	137	0.7	
		8.2				750	3.99	2.55	1.22	.08	3.80	1.71	.90	1.26						
							51	33	16	1	50	22	12	16						
08/01/73	1101	88	F			104	17	25	2.0	0	272	86	29	60.0	.00	.3	329			
1555	1101	31	C	7.9	725	5.19	1.40	1.09	.05	.00	4.46	1.79	.82	.97	.0	.0	457	107	0.6	
						67	18	14	1		55	22	10	12						
07/09/73	5136																404	304		
	0900																			
		7.1																		
		7.6				707														
07/09/73	5136																260	191		
	5050																			
		6.6																		
		7.2				453														
07/09/73	5136																391	299		
	5050																			
		6.7																		
		7.7				643														
06/05/73	5050																147	129		
	1100																159	14	0.3	
		57.0F				36	9.2	8.0	2.8	0	139	21	6.7	7.0	.00	.3				
		13.9C	7.4			1.80	.76	.35	.07	.00	2.28	.44	.19	.11	--	--				
						60	26	12	2		75	15	6	4						
07/09/73	5136																309	239		
	5050																			
		6.9																		
		7.7				535														
08/14/73	1101	67	F			71	15	18	4.0	0	249	52	15	17.0	.00	.4	239			
1345	1101	19	C	8.0	523	3.54	1.23	.78	.10	.00	4.08	1.08	.42	.27	.0	.0	314	35	0.5	
						63	22	14	2		70	18	7	5						
08/16/73	1101	72	F			73	20	19	3.0	0	244	44	20	45.1	.00	.3	244			
1245	1101	22	C	7.8	590	3.64	1.64	.83	.08	.00	4.00	1.02	.56	.73	.0	.0	349	64	0.5	
						59	26	13	1		63	16	9	12						
08/27/73	1101	69	F			80	14	17	4.0	0	240	44	22	36.3	.00	.3	257			
0830	1101	21	C	7.6	575	3.99	1.15	.74	.10	.00	3.93	.92	.62	.59	.0	.2	336	61	0.5	
						67	19	12	2		65	15	10	10						
08/20/73	1101																			
	1101																			
		8.2				326	.65	1.23	1.44	.08	2.20	.48	.87	.00	.15	.4	184	94	1.5	
							19	36	42	2	82	14	25					0		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																								
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER HILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																								
06/05/73	5050	76.0F	S	52	19	48	2.0	0	187	108	29	13.0	.02	.6	314	208								
1000	5050	24.4C	7.9	614	2.59	1.56	2.09	.85	.00	3.06	2.25	.82	.21		--	363	55	1.4						
				41	25	33	1			48	35	13	3											
08/20/73	1101	66 F	S	83	25	19	2.0	0	304	.45	25	32.2	.00	.4		310								
1040	1101	19 C	7.7	646	4.14	2.06	.83	.85	.00	4.98	.94	.71	.52		.8	381	61	0.5						
				58	29	12	1			70	13	10	7											
07/09/73	5136	88 F	S	55	14	13	1.4	0	206	.28	9.0	15.1	.03	.3	238	195								
5050		31 C	7.9	436	2.74	1.15	.57	.04	.00	3.38	.58	.25	.24		--	237	26	0.4						
				61	26	13	1			76	13	6	5											
08/20/73	1101	67 F	S	54	14	13	2.0	0	209	.24	15	16.1	.00	.5		192								
1130	1101	19 C	8.3	421	2.69	1.15	.57	.05	.00	3.43	.50	.42	.26		.8	261	21	0.4						
				60	26	13	1			74	11	9	6											
06/05/73	5050	70.0F	S	55	12	13	2.5	0	195	.37	10	12.0	.03	.3	169	186								
1230	5050	21.1C	8.1	419	2.74	.99	.57	.06	.00	3.20	.77	.28	.19		--	237	27	0.4					T	
				63	23	13	1			72	17	6	4											
07/09/73	5050	74.0F	S	145	38	50	4.8	0	589	.71	52	6.0	.18	.1	682	518								
1000		23.3C	7.7	1104	7.24	3.13	2.18	.12	.00	9.65	1.48	1.47	.10		--	657	36	1.0						
				57	25	17	1			76	12	12	1											
08/16/73	1101	72 F	S	49	11	30	2.0	0	183	.37	22	24.3	.00	1.8		167								
1520	1101	22 C	8.1	453	2.45	.90	1.31	.05	.00	3.00	.77	.62	.39		.8	265	18	1.0						
				52	19	28	1			63	16	13	8											
08/16/73	1101	80 F	S	65	18	19	2.0	0	249	.25	19	35.6	.00	.5		236								
1400	1101	27 C	7.9	529	3.24	1.48	.83	.05	.00	4.08	.52	.54	.57		.0	306	32	0.5						
				58	26	15	1			71	9	9	10											
07/10/73	5136	7.0	S	--	--	--	--	--	--	--	--	--	--	--	--	264	220							
1130	5050	7.4		487											--									
08/16/73	1101	65 F	S	62	16	16	2.0	0	253	.20	14	19.2	.00	.3		220								
1450	1101	18 C	7.9	479	3.09	1.32	.70	.05	.00	4.15	.42	.39	.31		.0	274	13	0.5						
				60	26	14	1			79	8	7	6											
07/10/73	5136	6.8	S	--	--	--	--	--	--	--	--	--	--	--	--	226	186							
1130	5050	7.4		421											--									
08/14/73	1101	75 F	S	40	12	9.0	2.0	0	177	.16	9.0	.0	.00	.2		149								
1330	1101	24 C	7.5	319	2.00	.99	.39	.05	.00	2.90	.33	.25	.00		.0	175	5	0.3						
				58	29	11	1			83	9	7												
06/05/73	5050	64.0F	S	59	16	20	3.8	0	272	.19	12	2.7	.04	.3	170	211							E	
1315	5050	17.8C	7.9	489	2.94	1.32	.87	.10	.00	4.46	.40	.34	.04		--	266	0	0.6					T	
				56	25	17	2			85	8	6	1											
06/05/73	5050	62.0F	S	40	7.8	7.8	2.4	0	132	.28	6.7	6.6	.00	.3	99	131							E	
1200	5050	16.7C	7.9	296	2.80	.64	.34	.06	.00	2.16	.58	.19	.11		--	144	24	0.3					T	
				66	21	11	2			71	19	6	4											
08/20/73	1101	65 F	S	57	13	18	3.0	0	227	.22	11	8.0	.00	.3		195								
0930	1101	18 C	7.9	417	2.84	1.07	.44	.08	.00	3.72	.46	.31	.13		.0	236	10	0.3						
				64	24	10	2			81	10	7	3											
08/14/73	1101	62 F	S	43	10	9.0	3.0	0	173	.19	8.0	6.0	.00	.3		148								
1300	1101	17 C	8.1	318	2.15	.82	.39	.08	.00	2.84	.40	.23	.10		.0	183	7	0.3						
				63	24	11	2			80	11	6	3											
08/14/73	1101	65 F	S	63	14	14	2.0	0	226	.30	17	16.1	.00	.3		214								
1235	1101	18 C	7.9	469	3.14	1.15	.61	.05	.00	3.70	.62	.48	.26		.0	267	30	0.4						
				63	23	12	1			73	12	9	5											
08/14/73	1101	65 F	S	73	18	18	4.0	0	267	.38	22	25.2	.00	.3		256								
1245	1101	18 C	7.9	568	3.64	1.48	.78	.10	.00	4.38	.79	.62	.41		.0	329	37	0.5						
				61	25	13	2			71	13	18	7											
09/13/73	5050	49	S	15	12	3.4	0	142	.39	36	7.8	.04	.4	250	144									
5050		7.9		435	2.45	1.23	.52	.09	.00	2.33	.81	1.02	.13		--	232	68	0.4						
				57	29	12	2			54	19	24	3											
06/05/73	5050	68.0F	S	38	12	22	1.2	0	192	.17	11	8.3	.12	.9	150	147								
1400	5050	20.0C	8.1	377	1.96	.99	.96	.03	.00	3.15	.35	.31	.13		--	204	0	0.8					T	
				49	26	25	1			80	9	8	3											

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																			
06/05/73 0900	U U-05 U-05.D U-05.D1 5050 5050	66.0F 18.9C	7.9	504	57 2.84 57	14 1.15 23	21 .91 18	4.2 .11 2	0 .00	167 2.74 54	56 1.17 23	29 .82 16	21.0 .34 7	.05 --	.4 --	237 284	200 83	0.6	
08/20/73 1030	1101 1101	81 F 27 C	7.8	894	118 5.89 60	29 2.38 24	32 1.39 14	4.0 .10 1	0 .00	381 6.24 64	80 1.67 17	40 1.13 12	42.2 .68 7	.00 .0	.4 0	533	414 102	0.7	
08/14/73 1145	1101 1101	69 F 21 C	7.9	602	74 3.69 59	16 1.32 21	27 1.17 19	4.0 .10 2	0 .00	235 3.85 64	77 1.60 27	11 .31 5	16.0 .26 4	.00 .0	.3 0	341	250 58	0.7	
08/14/73 0900	1101 1101	69 F 21 C	7.8	321	26 1.30 38	6.0 .49 14	37 1.61 47	1.0 .03 1	0 .00	173 2.84 82	16 .33 10	10 .28 8	.0 .00	.00 .0	.8 0	181	89 0	1.7	
06/05/73 0830	5050 5050	64.0F 17.8C	8.2	1044	135 6.74 60	27 2.22 20	50 2.18 19	5.5 .14 1	0 .00	287 4.70 42	202 4.21 37	79 2.23 20	9.8 .16 1	.13 --	.4 --	513 650	448 213	1.0	T
08/14/73 1200	1101 1101	72 F 22 C	8.1	339	41 2.05 57	6.0 .96 14	22 .08 27	3.0 .02 2	0 .00	184 3.02 80	22 .46 12	10 .28 7	.0 .00	.00 .0	.4 0	194	127 0	0.8	
06/06/73 1515	5050 5050	72.0F 22.2C	7.7	668	55 2.74 43	22 1.81 28	41 1.78 28	2.3 .06 1	0 .00	204 3.34 52	45 .94 15	42 1.18 18	62.0 1.00 15	.07 --	.4 --	365 370	227 61	1.2	
08/14/73 1020	1101 1101	68 F 20 C	8.0	410	39 1.95 47	14 1.15 28	23 1.00 24	1.0 .03 1	0 .00	177 2.90 67	14 .29 7	20 .56 13	36.8 .59 14	.00 .1	.8 0	235	155 10	0.8	
08/14/73 0915	1101 1101	68 F 20 C	7.5	354	32 1.60 43	10 .82 22	29 1.26 34	2.0 .05 1	0 .00	181 2.97 78	18 .37 10	13 .10 10	5.1 .08 2	.00 .0	.7 0	198	121 0	1.1	
08/14/73 1005	1101 1101	80 F 27 C	7.9	411	39 1.95 44	12 .99 24	28 1.22 29	2.0 .05 1	0 .00	184 3.02 70	11 .23 5	25 .71 16	23.3 .38 9	.00 .0	.6 0	231	146 0	1.0	
09/18/73 1605	1101 1101	67 F 19 C	7.5	407	44 2.20 50	11 .90 21	28 1.22 28	2.0 .05 1	0 .00	194 3.18 71	32 .67 15	17 .54 12	6.0 .10 2	.00 .0	.6 0	237	155 0	1.0	
07/31/73 1325	1101 1101	68 F 20 C	8.0	1560	192 9.58 54	55 4.52 25	85 3.70 21	1.0 .03 0	0 .00	446 7.31 41	321 6.68 37	114 3.21 18	52.2 .84 5	.00 .0	.7 0	1039	705 340	1.4	
07/31/73 1310	1101 1101	72 F 22 C	7.7	1520	188 9.38 54	56 4.61 26	79 3.44 20	2.0 .05 0	0 .00	425 6.97 40	325 6.77 39	106 2.99 17	40.8 .66 4	.00 .0	.5 0	1006	699 351	1.3	
07/31/73 1055	1101 1101	66 F 19 C	7.4	1540	198 9.88 54	56 4.61 25	84 3.65 20	3.0 .08 0	0 .00	458 7.51 41	332 6.91 38	114 3.21 18	33.0 .53 3	.00 .1	.7 0	1045	724 349	1.4	
09/19/73 0820	1101 1101	71 F 22 C	8.1	1350	28 1.40 10	14 1.15 8	278 12.09 82	2.0 .05 0	0 .00	570 9.34 63	144 3.00 20	80 2.26 15	9.0 .15 1	.00 1.4	.9 0	837	127 0	10.7	
08/01/73 0925	1101 1101	76 F 24 C	8.1	1210	29 1.45 12	15 1.23 10	214 9.31 77	5.0 .13 1	0 .00	145 2.38 20	311 6.48 54	188 3.05 26	.0 .00	.00 .0	.9 0	753	134 15	8.0	
08/02/73 1450	1101 1101	8.1	1440	143 7.14 43	56 4.61 28	108 4.70 28	2.0 .05 0	0 .00	382 6.26 39	245 5.10 32	137 3.86 24	47.2 .76 5	.00 .0	.6 0	926	587 275	1.9		
07/31/73 1015	1101 1101	65 F 18 C	7.4	1510	181 9.03 52	50 4.11 24	95 4.13 24	3.0 .08 0	0 .00	423 6.93 40	100 6.25 36	116 3.27 19	43.0 .69 4	.00 .0	.7 0	996	657 311	1.6	
05/08/73 1045	1101 1101	70 F 21 C	7.4	1810	124 6.19 57	23 1.89 17	62 2.70 25	4.0 .10 1	0 .00	331 5.43 49	163 3.39 31	78 1.97 10	18.9 .30 3	.00 .0	.3 0	628	404 133	1.3	
03/14/73 0815	1101 1101	66 F 19 C	8.0	412	57 2.84 64	9.0 .74 17	17 .74 2	4.0 .10 2	0 .00	192 3.15 69	43 .90 20	17 1.48 11	2.0 .03 1	.00 .0	-- 0	243	179 22	0.6	
05/08/73 0800	1101 1101	65 F 18 C	7.9	426	57 2.84 63	10 .82 18	18 .78 17	3.0 .08 2	0 .00	194 3.18 68	44 .92 20	14 .54 12	2.2 .04 1	.00 .0	.3 0	249	183 24	0.6	



TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	AN
U U-05 U-05-D U-05-D1 02S/11W-05G01																		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																		
06/11/73 0930	1101 1101	65	F			58	9.0	17	3.0	0	190	.41	18	2.4	.00	--	181	
		18	C	7.9	420	2.89 65	.74 17	.74 17	.08 2	.00	3.11 69	.85 19	.51 11	.04 1	.0	242	24	0.5
02S/11W-05G04																		
10/11/72 0830	1101 1101	65	F			62	10	16	3.0	0	191	.40	15	3.0	--	--	195	
		18	C	7.9	418	3.09 66	.82 17	.70 15	.08 2	.00	3.13 71	.83 19	.42 11	.05 1	--	243	39	0.5
10/11/72 0900	1101 1101	65	F			58	10	22	3.0	0	187	.46	16	.0	--	--	185	
		18	C	7.9	444	2.89 61	.82 17	.96 20	.08 2	.00	3.06 68	.96 21	.45 10	.00	--	247	33	0.7
06/28/73 1101	1101 1101	70	F			37	4.0	32	3.0	0	162	.32	12	1.0	.00	--	108	
		21	C	8.2	339	1.85 51	.33 5	1.39 38	.08 2	.00	2.66 72	.67 18	.34 9	.02 1	.0	201	0	1.3
02S/11W-05K02																		
09/17/73 0800	1101 1101	68	F			36	6.0	31	2.0	0	163	.25	17	.0	.00	--	114	
		20	C	8.2	335	1.80 49	.49 13	1.35 37	.05 1	.00	2.67 73	.52 14	.48 13	.00	.0	197	0	1.3
02S/11W-05N05																		
05/14/73 1700	5050 5050	70	F			122	24	43	4.9	0	245	.204	54	17.0	.04	.2	636	403
		21	C	7.8	926	6.09 61	1.97 20	1.87 19	.13 1	.00	4.02 40	4.25 42	1.52 15	.27 3	--	589	202	0.9
02S/11W-08A02																		
10/10/72 0820	1101 1101	69	F			114	18	56	4.0	0	305	.134	61	19.5	--	--	358	
		21	C	7.6	919	5.69 59	1.48 15	2.44 25	.10 1	.00	5.00 51	2.79 28	1.72 18	.31 3	--	556	109	1.3
03/14/73 0835	1101 1101	68	F			122	15	56	4.0	0	314	.142	59	22.9	.00	--	366	
		20	C	7.9	917	6.09 62	1.23 12	2.44 25	.10 1	.00	5.15 51	2.96 29	1.66 16	.37 4	.0	575	109	1.3
06/11/73 0955	1101 1101	69	F			120	18	55	4.0	0	316	.140	59	19.8	.00	--	373	
		21	C	7.7	923	5.99 60	1.48 15	2.39 24	.10 1	.00	5.18 51	2.91 29	1.66 16	.32 3	.0	571	115	1.2
09/17/73 0930	1101 1101	68	F			119	20	57	4.0	0	313	.140	63	20.4	.00	--	379	
		20	C	7.8	923	5.94 58	1.64 16	2.48 24	.10 1	.00	5.13 51	2.91 29	1.78 18	.33 3	.0	577	123	1.3
U-05-D2 01N/10W-29K01																		
17/10/73 0100	5050	90.0F	6.9			67	17	15	3.5	0	258	.40	9.0	11.0	.09	.2	282	237
		32.2C	8.1	515	3.34 61	1.40 26	.65 12	.09 2	.00	4.23 77	.83 15	.25 5	.18 3	--	289	26	0.4	
U-05-D3 01N/10W-22M01																		
07/10/73 0100	5050	7.0				--	--	--	--	--	--	--	--	--	--	266	202	
		7.4	492															
01N/10W-23C01																		
08/15/73 1045	1101 1101	63	F			51	13	19	4.0	0	100	.123	13	5.5	.00	.4	180	
		17	C	6.6	467	2.54 56	1.07 24	.83 18	.10 2	.00	1.64 35	2.56 55	.37 8	.09 2	.0	278	94	0.6
01N/10W-27C02																		
08/15/73 1035	1101 1101	65	F			54	12	13	3.0	0	195	.33	14	12.9	.00	.6	184	
		18	C	8.0	405	2.69 62	.99 23	.57 13	.08 2	.00	3.20 71	.69 15	.39 15	.21 5	.0	238	24	0.4
U-05-D4 01N/08W-06L05																		
08/09/73 1425	1101 1101	68	F			87	25	37	2.0	0	226	.75	34	130	.00	.8	320	
		20	C	7.3	773	4.34 54	2.06 26	1.61 20	.05 1	.00	3.70 44	1.56 19	.96 12	2.10 25	.0	501	135	0.9
01N/08W-19L01																		
08/09/73 1400	1101 1101	72	F			81	24	28	1.0	0	308	.55	20	43.8	.00	1.8	301	
		22	C	7.9	655	4.04 56	1.97 27	1.22 17	.03 2	.00	5.05 68	1.15 15	.56 7	.71 10	.0	404	44	0.7
U-05-E U-05-E1 01S/09W-26H01																		
08/01/73 1200	1101 1101	70	F			122	27	30	2.0	0	317	.136	35	51.8	.00	1.0	415	
		21	C	7.8	872	6.09 63	2.22 23	1.31 14	.05 1	.00	5.20 53	2.83 29	.99 10	.84 1	.0	540	156	0.6
U-05-E2 01S/08W-07G02																		
08/31/73 1045	1101 1101	77	F			53	13	34	2.0	0	156	.61	20	59.8	.00	.4	185	
		25	C	7.9	516	2.64 50	1.07 20	1.48 28	.05 1	.00	2.56 48	1.27 24	.56 10	.96 18	.3	320	58	1.1
01S/08W-18J02																		
08/09/73 1235	1101 1101	65	F			51	9.0	16	2.0	0	160	.32	8.0	27.1	.00	.4	164	
		18	C	8.0	377	2.54 63	.74 18	.70 17	.05 1	.00	2.62 66	.67 17	.23 6	.44 11	.0	224	33	0.5

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM	TH NCH	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT POMONA HYDRO SUBAREA																			
08/31/73 1105	1101 1101	67 19	F C	7.4	936	104 5.19 54	33 2.71 28	39 1.70 18	1.0 .03	0 .00	185 3.03 31	133 2.77 28	65 1.03 19	131 2.11 22	.00 .3	.7 .3	597	395 244	0.9
01S/08W-19A02																			
08/09/73 1245	1101 1101	74 23	F C	8.1	402	24 1.20 29	4.0 .33 8	60 2.61 63	1.0 .03 1	0 .00	138 2.26 56	.47 .98 24	11 .31 8	31.3 1.50 12	.00 .0	.4 .0	246	76 0	3.0
U-05.E3 01S/08W-05A01																			
08/09/73 1535	1101 1101	80 27	F C	7.6	801	78 3.89 44	27 2.22 25	60 2.61 30	3.0 .08 1	0 .00	169 2.77 33	161 3.35 40	52 1.47 17	52.8 .85 10	.00 .4	.5 .4	517	305 167	1.5
U-05.F U-05.F1 03S/09W-32M03																			
10/31/72	5102 5868			7.7	1235	140 6.99	28 2.30	--	--	--	279 4.57	--	127 3.58	42.6 .69	--	--		465	
04/17/73	5102 5868			7.4	1325	141 7.04	27 2.29	--	--	--	286 4.69	--	135 3.81	39.1 .63	--	--		465	
09/25/73	5134 5868			7.8	1300	142 7.09	28 2.35	--	--	0 .00	302 4.95 51	--	136 3.84 41	32.3 .52 6	--	--		473 225	
03S/09W-32P03																			
12/01/72	5102 5868			7.6	1080	90 4.49 37	27 2.25 19	120 5.22 43	7.3 .19 2	--	151 2.47 21	315 6.56 55	100 2.82 24	2.5 .04	.21 7.0	.5		338	2.8
03S/09W-34J05																			
07/26/73 0910	4417 5999	69.8F 21.0C		7.9	1170	77 3.84 30	53 4.36 34	106 4.61 36	5.5 .14 1	--	312 5.11 37	235 4.89 36	128 3.61 26	8.9 .14 1	--	.6		410	2.3
03S/10W-29D01																			
07/26/73 1005	4417 5999	70 21	F C	8.2	615	20 1.00 15	6.3 .52 8	113 4.92 76	2.0 .05 1	--	209 3.43	154 3.21	42 1.20	--	--	.9		76	5.6
03S/10W-35K01																			
07/26/73 0925	4417 5999	70 21	F C	7.9	1160	126 6.29 48	39 3.28 25	80 3.50 27	4.7 .12 1	--	281 4.61 35	235 4.89 37	115 3.24 24	33.7 .54 4	--	.4		478	1.6
03S/10W-36M01																			
12/13/72	5102 5868			7.7	775	98 4.89 58	17 1.46 17	47 2.04 24	4.4 .11 1	--	241 3.95 47	112 2.33 28	68 1.92 23	9.1 .15 2	.12 17.0	.5		317	1.1
05/17/73	5102 5868			7.6	785	98 4.89 57	19 1.60 19	46 2.00 23	4.9 .13 2	--	250 4.10 48	109 2.27 27	71 2.00 24	7.7 .12 1	.10 21.0	.4		325	1.1
03S/11W-35F02																			
07/26/73 1030	4417 5999	70 21	F C	8.2	590	53 2.68 42	14 1.20 19	57 2.50 39	2.2 .06 1	--	210 3.44 50	120 2.50 36	28 .80 12	8.9 .14 2	--	.5		194	1.8
04S/09W-06G02																			
09/25/73	5134 5868			8.4	1200	111 5.54 44	26 2.15 17	108 4.70 37	7.6 .19 2	0 .00	251 4.11 33	228 4.75 38	122 3.44 27	17.3 .28 2	.16 18.0	.4		385 179	2.4
04S/10W-01B01																			
12/13/72	5102 5868			7.7	1125	108 5.39 43	19 1.63 13	120 5.22 42	7.2 .18 1	--	144 2.36 19	333 6.93 57	181 2.85 23	1.7 .03	.19 16.0	.6		353	2.8
05/17/73	5102 5868			7.4	1440	107 5.34 44	21 1.76 14	112 4.87 40	7.4 .19 2	--	157 2.57 21	326 6.79 56	181 2.85 23	1.4 .02	.15 21.0	.6		355	2.6
04S/10W-01F01																			
12/13/72	5102 5868			7.7	1110	113 5.64 45	21 1.75 14	117 5.09 40	7.2 .18 1	--	148 2.43 20	336 7.00 56	183 2.90 23	6.5 .10 1	.20 17.0	.6		368	2.6
04S/11W-30M04																			
07/31/73 0910	4417 5999	70 21	F C	8.2	400	24 1.20 28	3.9 .32 8	52 2.70 54	1.0 .03 1	--	176 2.88	38 .80	14 .40	--	--	.5		76	3.1
U-05.F2 03S/10W-02M02																			
12/01/72	5102 5868			7.3	1425	127 6.34	40 3.36	--	--	--	324 5.31	--	140 3.95	100 1.62	--	--		487	
04/17/73	5102 5868			7.3	1470	128 6.39	41 3.43	--	--	--	332 5.44	--	151 4.26	76.4 1.23	--	--		492	

## MINERAL ANALYSES OF GROUND WATER

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																																																																																																																																																																																																																																																																																																														
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REMARKS																																																																																																																																																																																																																																																																																										
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR																																																																																																																																																																																																																																																																																												
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EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS 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VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS 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VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE	PERCENT EQUIVALENTS VALUE

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM	
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR		
LAHONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA																				
03/08/73	W-26	5050	S	66	F		67	29	82	2.7	0	297	147	50	2.4	.06	.2	518	285	
	W-26.A		19	C	7.9	847	3.34	2.38	3.57	.07	.00	4.87	3.06	1.41	.04	--	526	43	2.1	
	W-26.AB						36	25	38	1		52	33	15						
03/07/73	04N/10W-08E01	5050	S	66	F		114	23	70	3.7	0	303	194	53	4.8	.12	.2	612	379	
	5050		19	C	8.1	929	5.69	1.89	3.05	.09	.00	4.97	4.04	1.49	.08	--	612	131	1.6	
							53	18	28	1		47	38	14	1					
03/07/73	04N/10W-09D01	5050	S				75	17	34	2.2	0	275	88	14	.2	.00	.4	340	257	
	5050				8.1	597	3.74	1.40	1.48	.06	.00	4.51	1.83	.39	.00	--	346	32	0.9	
							56	21	22	1		67	27	6						
03/07/73	04N/10W-15H01	5050	S	65	F		48	15	16	2.9	0	227	24	5.0	5.8	.00	.2	207	182	
	5050		18	C	8.0	398	2.40	1.23	.70	.07	.00	3.72	.50	.14	.09	--	228	0	0.5	
							55	28	16	2		84	11	3	2					
03/01/73	04N/10W-23C01	5050	S	65	F		39	18	34	6.0	0	113	150	4.0	1.8	.00	.3	285	172	
	5050		18	C	8.0	478	1.95	1.48	1.48	.15	.00	1.85	3.12	.11	.03	--	308	79	1.1	
							39	29	29	3		36	61	2	1					
02/27/73	05N/08W-13H01	5050	S	63	F		60	20	28	5.2	0	195	128	3.0	1.4	.00	.2	340	232	
	5050		17	C	8.1	531	2.99	1.64	1.22	.13	.00	3.20	2.66	.08	.02	--	341	72	0.8	
							50	27	20	2		54	45	1						
03/06/73	05N/08W-25H01	5050	S	67	F		46	13	15	3.2	0	182	48	3.0	2.2	.12	.2	212	169	
	5050		19	C	8.0	380	2.30	1.07	.65	.08	.00	2.98	1.00	.08	.04	--	220	20	0.5	
							56	26	16	2		73	24	2	1					
03/05/73	05N/09W-05C01	5050	S	67	F		2.5	1.6	80	.8	0	123	70	7.0	2.4	.15	.7	217	13	
	5050		19	C	8.0	372	.12	.13	3.48	.02	.00	2.02	1.46	.20	.04	--	225	0	9.7	
							3	3	93	1		54	39	5	1					
03/05/73	05N/09W-24P01	5050	S	66	F		24	13	42	4.0	0	173	57	6.0	.4	.01	.2	213	114	
	5050		19	C	7.9	389	1.20	1.07	1.83	.10	.00	2.84	1.19	.17	.01	--	231	0	1.7	
							29	25	44	2		67	28	4						
02/27/73	05N/09W-25A01	5050	S				6.6	1.8	79	.9	0	120	80	5.0	1.4	.07	.8	220	24	
	5050				7.8	384	.33	.15	3.44	.02	.00	1.97	1.67	.14	.02	--	234	0	7.0	
							8	4	87	1		52	44	4	1					
02/26/73	05N/09W-26D01	5050	S	64	F		73	23	20	4.6	0	260	89	6.0	8.4	.07	.3	334	227	
	5050		18	C	7.9	553	3.64	1.89	.87	.12	.00	4.26	1.85	.17	.14	--	352	64	0.5	
							56	29	13	2		66	29	3	2					
02/28/73	05N/09W-28H01	5050	S	64	F		47	9.8	27	2.3	0	157	54	22	4.3	.10	.2	245	158	
	5050		18	C	8.0	411	2.35	.81	1.17	.06	.00	2.57	1.12	.62	.07	--	244	30	0.9	
							54	18	27	1		59	26	14	2					
03/01/73	05N/10W-05R01	5050	S	65	F		29	5.9	55	1.7	0	140	75	14	2.2	.00	.3	243	97	
	5050		18	C	7.9	412	1.45	.49	2.39	.04	.00	2.29	1.56	.39	.04	--	252	0	2.4	
							33	11	55	1		54	36	9	1					
03/01/73	05N/10W-07N01	5050	S	66	F		27	3.8	50	1.4	0	136	64	11	2.0	.01	.2	225	83	
	5050		19	C	7.9	380	1.35	.31	2.18	.04	.00	2.23	1.33	.31	.03	--	226	0	2.4	
							35	8	56	1		57	34	8	1					
03/09/73	05N/10W-07R01	5050	S	65	F		53	12	41	2.1	0	150	78	45	10.3	.00	.2	318	185	
	5050		18	C	7.9	529	2.64	1.06	1.78	.05	.00	2.46	1.62	1.27	.17	--	316	62	1.3	
							48	19	32	1		45	29	23	3					
03/09/73	05N/10W-16J01	5050	S				90	31	56	2.2	0	285	129	72	12.4	.00	.4	551	352	
	5050				8.0	852	4.49	2.55	2.44	.06	.00	4.67	2.69	2.03	.20	--	533	119	1.3	
							47	27	26	1		49	28	21	2					
03/08/73	05N/10W-26J01	5050	S	67	F		79	35	168	4.3	0	193	396	92	3.8	.19	.8	885	341	
	5050		19	C	8.0	1286	3.94	2.88	7.31	.11	.00	3.16	8.24	2.59	.06	--	873	183	4.0	
							28	20	51	1		22	59	18						
03/08/73	05N/10W-29Q01	5050	S	67	F		93	47	127	1.9	0	272	380	56	2.2	.08	1.1	883	425	
	5050		19	C	8.0	1214	4.64	3.87	5.52	.05	.00	4.46	7.91	1.58	.04	--	841	203	2.7	
							33	27	39			32	57	11						
02/27/73	05N/10W-34N02	5050	S	62	F		100	27	43	2.8	0	235	171	43	31.8	.00	.2	543	361	
	5050		17	C	8.1	816	4.99	2.22	1.87	.07	.00	3.85	3.56	1.21	.51	--	534	168	1.0	
							55	24	20	1		42	39	13	6					
03/01/73	05N/11W-02Q02	5050	S	64	F		131	27	47	3.9	0	285	221	41	45.0	.00	.2	687	438	
	5050		18	C	7.8	934	6.54	2.22	2.84	.10	.00	4.67	4.60	1.16	.73	--	656	205	1.0	
							60	20	19	1		42	41	10	7					

## MINERAL ANALYSES OF GROUND WATER

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TABLE E-1 (CONT)

### MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD		MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				REMARKS
			LABORATORY PH	EC	CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR			
W-28 W-28.8			LAMONTAN DRAINAGE PROVINCE MOJAVE HYDRO UNIT UPPER MOJAVE HYDRO SUBUNIT																		
10/26/72 1400	5101		02N/03W-19L02	S	6.2	122	4.2 .21 20	5.1 .42 40	9.0 .39 37	1.1 .03 3	0 .00	51 .84 78	.8 .02 2	7.8 .22 20	.3 .00	.02	.1 --	133 53	34 0	0.7	E T
10/26/72	5101		02N/03W-19P01	S	7.3	372	29 1.45 41	8.4 .69 20	30 1.31 37	3.0 .08 2	0 .00	109 1.79 52	24 .50 14	41 1.16 34	.3 .00	.13	.0 --	243 189	108 18	1.3	T
05/15/73	5101				6.8	131	12 .60 47	1.9 .16 13	11 .48 38	1.0 .03 2	0 .00	39 .64 50	5.1 .11 9	18 .51 40	.9 .01 1	.00	.0 --	89 69	38 6	0.8	T
10/26/72	5101		02N/03W-22D01	S	7.1	145	15 .75 52	2.8 .23 16	9.3 .40 28	2.0 .05 3	0 .00	60 .98 70	3.6 .07 5	12 .34 24	.5 .01 1	.60	.2 --	119 75	50 0	0.6	E T
05/15/73	5101				6.3	143	15 .75 53	2.6 .21 15	9.4 .41 29	1.7 .04 3	0 .00	56 .92 65	4.6 .10 7	13 .37 26	1.0 .02 1	.00	.1 --	127 75	49 2	0.6	E T
05/22/73	5101		02N/03W-26D02	S	6.5	265	23 1.15 47	11 .90 36	8.7 .38 15	1.7 .04 2	0 .00	117 1.92 74	8.1 .17 7	14 .39 15	7.8 .13 5	.10	.0 --	198 132	100 7	0.4	E T S
10/27/72	5101		02N/03W-26E01	S	6.7	190	19 .95 50	6.6 .54 28	8.6 .37 19	1.5 .04 2	0 .00	90 1.48 75	5.1 .11 6	12 .34 17	3.3 .05 3	.02	.2 --	116 100	75 1	0.4	
05/22/73	5101				6.8	185	19 .95 50	6.8 .56 29	8.2 .36 19	1.7 .04 2	0 .00	82 1.34 73	1.8 .04 2	11 .31 17	8.5 .14 8	.03	.0 --	80 97	75 9	0.4	T
10/30/72	5101		04N/03W-01M01	S	7.5	1488	113 5.64 39	26 2.14 15	147 6.39 45	5.2 .13 1	0 .00	119 1.95 13	201 4.18 29	294 8.29 57	2.5 .04	.66	.5 --	983 848	389 292	3.2	
04/13/73	5101				7.6	1520	115 5.74 38	25 2.06 14	164 7.13 47	5.3 .14 1	0 .00	117 1.92 13	214 4.46 29	315 8.88 58	3.2 .05	.74	.6 --	925 900	390 294	3.6	
10/30/72	5101		04N/03W-06D02	S	6.9	415	46 2.30 56	11 .90 22	19 .83 20	2.1 .05 1	0 .00	153 2.51 61	14 .29 7	14 .39 9	57.0 .92 22	.01	.1 --	282 238	158 35	0.7	
04/13/73	5101				7.6	341	34 1.70 52	7.8 .64 20	20 .87 27	2.2 .06 2	0 .00	148 2.43 72	15 .31 9	15 .42 12	13.0 .21 6	.06	.2 --	171 180	117 0	0.8	
01/10/73	5101		04N/03W-09N02	S	7.0	158	13 .65 45	4.2 .35 24	10 .44 30	.7 .02 1	0 .00	70 1.15 74	8.1 .17 11	7.0 .20 13	1.6 .03 2	.00	.2 --	50 79	50 0	0.6	E T S
01/10/73	5101		04N/03W-20L01	S	7.0	244	25 1.25 54	5.5 .45 20	13 .57 25	1.0 .03 1	0 .00	97 1.59 69	14 .29 13	11 .31 13	7.8 .13 6	.00	.5 --	123 125	84 6	0.6	
01/10/73	5101		04N/03W-21E01	S	7.1	192	18 .90 48	5.1 .42 23	12 .52 28	.9 .02 1	0 .00	82 1.34 73	11 .23 13	8.0 .23 13	1.6 .03 2	.00	.3 --	93 97	65 0	0.6	
01/08/73	5101		04N/07W-24D01	S	7.7	781	114 5.69 68	25 2.06 25	12 .52 6	5.2 .13 2	0 .00	339 5.56 64	129 2.69 31	10 .28 3	7.5 .12 1	.02	.3 --	457 469	386 110	0.3	
01/10/73	5101		05N/03W-18Q01	S	7.8	1042	57 2.84 30	12 .99 10	128 5.57 59	3.2 .08 1	0 .00	85 1.39 15	200 4.16 44	138 3.89 41	2.8 .05 1	.88	1.2 --	585 584	191 122	4.0	
01/10/73	5101		05N/03W-24N01	S	6.8	1493	94 4.69 33	28 2.30 16	161 7.00 50	4.6 .12 1	0 .00	90 1.48 11	221 4.60 33	281 7.92 56	2.1 .03	.46	1.4 --	852 836	348 276	3.7	
01/10/73	5101		05N/03W-25F01	S	7.6	1433	89 4.44 32	24 1.97 14	171 7.44 53	5.0 .13 1	0 .00	92 1.51 11	221 4.60 33	275 7.76 56	6.5 .10 1	.51	.9 --	828 837	318 245	4.2	
01/11/73	5101		05N/04W-08Q01	S	7.6	215	7.9 .39 20	1.1 .09 5	34 1.48 74	1.2 .03 2	0 .00	99 1.62 87	.8 .00	7.8 .28 11	2.4 .04 2	.00	.3 --	95 102	24 0	3.0	S
01/11/73	5101		05N/04W-09G02	S	7.4	198	4.1 .20	2.2 .18	38 1.65	.9 .02	0 .00	102 1.67	2.5 .05	12 .34	2.4 .04	.00	.4 --	102 112	19 0	3.8	

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																				
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
					CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	B	F	TDS SUM	TM NCH	SAR		
LAHONTAN DRAINAGE PROVINCE MOJAVE HYDRO UNIT UPPER MOJAVE HYDRO SUBUNIT																				
	W-28 W-28.B																			
01/11/73	5101				1.8	2.6	40	.6	0	99	.11	8.0	1.2	.00	.3	100	15			
	5101	7.7	201		.09	.21	1.74	.02	.00	1.62	.23	.23	.02		--	114	8	4.5		
					4	10	84	1		77	11	11	1							
01/11/73	5101				5.0	3.1	34	1.1	0	104	3.3	8.0	2.8	.02	.2	129	25			
	5101	7.7	211		.25	.25	1.48	.03	.00	1.70	.07	.23	.05		--	108	0	2.9		
					12	12	74	1		83	3	11	2							
01/11/73	5101				1.8	4.7	34	1.5	0	95	5.1	8.0	1.1	.00	.3	90	24			
	5101	7.5	198		.09	.39	1.48	.04	.00	1.56	.11	.23	.02		--	103	0	3.0		
					5	20	74	2		81	6	12	1							
01/11/73	5101				4.6	1.1	41	.6	9.6	82	7.7	.11	1.2	.10	.4	123	16			
	5101	8.4	261		.23	.09	1.78	.02	.32	1.34	.16	.31	.02		--	117	0	4.5		
					11	4	84	1	15	62	7	14	1							
01/10/73	5101				23	6.0	45	1.2	0	90	.64	22	1.2	.34	.6	197	81			
	5101	7.8	379		1.15	.49	1.96	.03	.00	1.48	1.33	.62	.02		--	207	8	2.2		S
					32	13	54	1		43	39	18	1							
01/11/73	5101				4.5	5.1	31	1.2	0	104	2.8	5.0	3.1	.00	.2	119	32			
	5101	7.7	245		.22	.42	1.35	.03	.00	1.70	.06	.14	.05		--	104	0	2.4		
					11	21	67	1		87	3	7	3							
01/11/73	5101				7.6	3.2	36	--	0	104	3.1	10	2.1	.00	.2	104	32			
	5101	7.7	199		.38	.26	1.57		.00	1.70	.06	.28	.03		--	113	0	2.8		
					17	12	71			82	3	14	1							
01/11/73	5101				19	5.0	18	1.4	0	107	5.8	6.0	2.3	.00	.3	100	68			
	5101	7.4	230		.95	.41	.78	.04	.00	1.75	.12	.17	.04		--	110	0	1.0		
					44	19	36	2		84	6	8	2							
01/10/73	5101				3.1	5.9	25	1.8	0	85	4.3	6.0	1.1	.03	.5	71	32			
	5101	7.4	201		.15	.49	1.09	.03	.00	1.39	.09	.17	.02		--	88	0	1.9	T	S
					9	28	62	2		83	5	10	1							
01/11/73	5101				10	1.4	39	1.9	0	95	5.1	14	13.0	.00	.4	128	32			
	5101	7.6	249		.50	.12	1.70	.05	.00	1.56	.11	.39	.21		--	131	0	3.1		
					21	5	72	2		69	5	17	9							
10/30/72	5101				36	5.2	19	1.5	0	133	17	8.8	12.0	.02	.2	221	112			
	5101	7.9	305		1.80	.43	.83	.04	.00	2.18	.35	.25	.19		--	165	3	0.8	E	T
					58	14	27	1		73	12	8	6							
04/13/73	5101				33	4.7	20	1.8	0	135	13	10	9.0	.00	.2	232	102			
	5101	7.0	288		1.65	.39	.87	.05	.00	2.21	.27	.28	.15		--	158	0	0.9	E	T
					56	13	29	2		76	9	10	5							
01/08/73	5101				28	5.7	50	2.7	0	63	140	5.0	1.9	.00	.3	210	94			
	5101	7.5	471		1.40	.47	2.18	.07	.00	1.03	2.91	.14	.03		--	264	42	2.3	T	
					34	11	53	2		25	71	3	1							
01/10/73	5101				16	2.5	210	3.0	0	63	125	55	.0	.55	19.0	637	51			
	5101	7.3	1114		.80	.21	9.14	.08	.00	1.03	6.77	1.55	.00		--	643	0	12.9		S
					8	2	89	1		11	72	17								
01/10/73	5101				43	8.2	328	2.7	0	232	401	140	25.0	1.85	13.0	1074	140			
	5101	7.6	1721		2.15	.67	14.27	.07	.00	3.80	8.35	3.95	.40		--	1064	0	12.0		
					13	4	83			23	51	24	2							
01/10/73	5101				.8	.3	320	2.1	0	97	450	108	.7	.52	1.0	943	4			
	5101	8.0	1486		.04	.02	13.92	.05	.00	1.59	9.37	3.05	.01		--	930	8	77.5		
							99			11	67	22								
12/13/72	5101				260	50	155	2.5	0	298	505	280	.3	.17	.5	1644	855			
	5101	7.8	2247		12.97	4.11	6.74	.06	.00	4.88	10.51	7.90	.00		--	1399	610	2.3		E
					54	17	28			21	45	34								
01/11/73	5101				143	20	111	3.3	0	283	290	94	1.3	.12	.8	838	439			
	5101	7.0	1346		7.14	1.64	4.83	.08	.00	4.64	6.04	2.65	.02		--	802	207	2.3		
					52	12	35	1		35	45	20								
12/13/72	5101				48	8.9	48	4.5	0	194	52	30	4.8	.07	.3	444	156			
	5101	7.4	518		2.40	.73	2.09	.12	.00	3.18	1.08	.85	.08		--	292	0	1.7	E	T
					45	14	39	2		81	21	16	2							
12/13/72	5101				43	13	53	5.0	0	208	55	340	1.4	.14	.3	399	159			
	5101	7.7	541		2.15	1.07	2.31	.13	.00	3.41	1.15	9.59	.02		--	613	0	1.8	E	T
					38	19	41	2		24	8	88								S

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR						
LAHONTAN DRAINAGE PROVINCE																							
MOJAVE HYDRO UNIT																							
UPPER MOJAVE HYDRO SUBUNIT																							
W-28																							
W-28.B																							
12/13/72	5101 5101			53 610	10 2.64 43	59 2.57 42	4.3 .11 2	0 .00	223 3.65 60	61 1.27 21	39 1.10 18	3.1 .05 1	.11 --	.4 --	425 339	174 0	1.9	T					
01/11/73	5101 5101			43 480	9.1 2.15 46	39 .75 16	3.2 1.70 36	0 .08 2	179 2.93 61	45 .94 20	28 .79 17	7.4 .12 3	.11 --	.4 --	297 263	145 0	1.4						
12/13/72	5101 5101			126 1946	26 6.29 30	290 12.62 60	1.8 .05	0 .00	211 3.46 17	626 13.03 63	145 4.09 20	7.5 .12 1	.31 --	.7 --	1507 1326	421 249	6.1	E					
12/13/72	5101 5101			8.3 228	2.7 .41 19	34 1.48 70	-- 1.48 70	0 .00	102 1.67 80	7.4 .15 7	7.0 .20 10	3.5 .06 3	.01 --	.2 --	256 113	32 0	2.6	E T					
01/08/73	5101 5101			5.0 464	3.1 .25 6	86 3.74 88	.9 .02	0 .00	112 1.84 43	105 2.19 52	6.0 .17 1	3.0 .05 1	.06 --	.5 --	177 244	25 0	7.4	T					
01/08/73	5101 5101			442 537	9.8 22.06 88	51 .81 3	3.4 2.22 9	0 .09	177 2.90 54	78 1.62 30	30 .85 16	1.8 .03 1	.10 --	.5 --	259 703	149 999	0.7	TC S					
01/08/73	5101 5101			47 546	9.0 2.35 44	51 .74 14	3.4 2.22 41	0 .09 2	187 3.06 55	76 1.58 29	31 .87 16	1.7 .03 1	.13 --	.5 --	288 311	155 2	1.8						
01/11/73	5101 5101			202 1623	27 10.08 62	92 4.00 24	2.6 .07	0 .00	211 3.46 34	285 5.93 59	24 .68 7	3.5 .06 1	.15 --	.5 --	1049 740	617 442	1.6	T S					
01/11/73	5101 5101			19 584	4.2 .95 17	101 4.39 76	2.2 .06 1	0 .00	203 3.33 58	67 1.39 24	35 .99 17	1.1 .02	.30 --	.9 --	358 330	65 0	5.5						
01/11/73	5101 5101			542 5051	81 27.05 49	500 6.66 12	4.1 21.75 39	0 .10	283 4.64 8	1086 22.61 41	980 27.64 50	33.0 .53 1	1.26 --	.7 --	3746 3367	1684 1455	5.3	E					
12/13/72	5101 5101			16 757	1.1 .80 11	150 6.53 87	2.4 .06 1	0 .00	187 3.06 43	128 2.66 37	51 1.44 20	.7 .01	.80 --	2.5 --	559 442	44 0	9.8	E T					
W-28.C																							
MIDDLE MOJAVE HYDRO SUBUNIT																							
01/11/73	5101 5101			161 1368	16 8.03 55	120 5.22 36	3.0 .08 1	0 .00	444 7.28 49	157 3.27 22	137 3.86 26	20.0 .32 2	.10 --	.5 --	859 832	468 104	2.4						
01/11/73	5101 5101			451 6579	46 22.50 30	1140 3.78 5	9.6 49.59 65	0 .25	332 5.44 15	1230 25.61 71	158 4.47 12	34.0 .55 2	1.35 --	.8 --	4881 3234	1313 1043	13.7	E T S					
01/11/73	5101 5101			120 1645	20 5.99 37	200 1.64 10	3.0 8.70 53	0 .08	206 3.38 20	439 9.14 55	141 3.98 24	.4 .01	.25 --	.7 --	1055 1025	381 213	4.5						
01/11/73	5101 5101			102 1318	14 5.09 38	160 1.15 9	2.1 6.96 53	0 .05	368 6.03 46	220 4.58 35	84 2.37 18	16.0 .26 2	.26 --	.8 --	819 779	314 11	3.9						
01/15/73	5101 5101			46 521	9.5 2.30 41	57 2.48 14	2.4 .06 1	0 .00	172 2.82 49	90 1.87 33	32 .90 16	8.3 .13 2	.09 --	.5 --	343 330	155 13	2.0						
01/15/73	5101 5101			37 430	8.0 1.85 43	39 .66 15	2.6 1.70 40	0 .07 2	145 2.38 58	39 .81 20	30 .85 21	2.5 .04 1	.06 --	.5 --	236 229	124 7	1.5						
01/15/73	5101 5101			33 771	7.9 1.65 20	131 5.70 8	3.0 1.71 71	0 .08 1	192 3.15 39	155 3.23 40	61 1.72 21	3.8 .06 1	.91 --	3.0 --	516 490	114 0	5.3						
01/15/73	5101 5101			60 608	9.4 2.99 47	59 7.7 12	3.0 2.57 40	0 .08 1	240 3.93 61	63 1.31 20	39 1.10 17	8.5 .14 2	.11 --	.5 --	344 340	188 0	1.9						
01/15/73	5101 5101			35 640	7.8 1.75	88 .64	3.0 3.83	0 .08	201 3.29 52	86 1.79 28	45 1.27 20	.6 .01	.25 --	1.1 --	383 364	120 0	3.5						



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR		
LAHONTAN DRAINAGE PROVINCE MOJAVE HYDRO UNIT MIDDLE MOJAVE HYDRO SUBUNIT																			
01/15/73	W-28 W-28.C 09N/03W-26H01	S																	
	5101		7.6	703	18 .90 13	4.9 .40 6	127 5.52 80	3.0 .08 1	0 .00	167 2.74 40	130 2.71 39	48 1.35 20	6.0 .10 1	.67 --	2.0 420	66 0	6.8		
01/15/73	09N/03W-28A02	S																	
	5101		7.3	1592	174 8.68 50	30 2.47 14	139 6.05 35	3.9 .10 1	0 .00	189 3.10 18	503 10.47 60	129 3.64 21	6.9 .11 1	.22 --	.6 1130 1079	557 403	2.6	E	
01/15/73	10N/02W-30Q01	S																	
	5101		6.8	398	34 1.70 40	6.6 .54 13	44 1.91 45	1.8 .05 1	0 .00	165 2.70 62	46 .96 22	23 .65 15	1.0 .02	.03 --	.5 203 238	111 0	1.8		
01/15/73	10N/03W-27D01	S																	
	5101		7.5	805	51 2.54 32	11 .90 11	101 4.39 56	2.9 .07 1	0 .00	170 2.79 35	133 2.77 35	81 2.28 29	4.9 .08 1	.38 --	.7 495 469	172 33	3.3		
01/15/73	10N/03W-35E01	S																	
	5101		7.5	417	25 1.25 31	6.2 .51 13	51 2.22 55	2.5 .06 1	0 .00	131 2.15 51	43 .90 22	40 1.13 27	.0 .00	.12 --	.7 250 232	88 0	2.4		
01/15/73	10N/03W-36J02	S																	
	5101		7.2	629	60 2.99 48	11 .90 14	53 2.31 37	2.6 .07 1	0 .00	170 2.79 43	95 1.98 31	56 1.58 25	5.2 .08 1	.12 --	.5 369 367	197 55	1.7		
W-28.D W-28.D2 32S/43E-28Q01																			
11/10/72	W-28.D W-28.D2 32S/43E-28Q01	M																	
	5101		7.7	1133	40 2.00 56	6.5 .53 15	20 .87 25	5.7 .15 1	0 .00	121 1.98 17	302 6.29 55	113 3.19 28	.8 .01	2.40 --	2.3 756 550	125 28	0.8	TC S	
04/19/73																			
	5101		7.7	1145	39 1.95 18	5.7 .47 4	192 8.35 77	5.3 .14 1	0 .00	123 2.02 18	300 6.25 57	97 2.74 25	.3 .00	2.00 --	1.5 763 702	121 20	7.6		
04/19/73	01N/04W-19H01	S																	
	5101		7.5	3817	140 6.99 20	17 1.40 4	615 26.75 75	13 .33 1	0 .00	172 2.82 7	255 5.31 14	1075 30.32 78	12.0 .19	2.30 --	.5 2382 2214	418 279	13.1	S	
04/19/73	11N/04W-28N02	S																	
	5101		7.5	1908	60 2.99 17	15 1.23 7	300 13.05 75	7.0 .18 1	0 .00	145 2.38 14	287 5.98 34	325 9.17 52	2.4 .04	1.20 --	.9 1133 1069	210 92	9.0		
W-28.E LOWER MOJAVE HYDRO SUBUNIT																			
02/27/73	09N/01E-01L01	S																	
	5101		7.2	484	40 2.00 40	6.8 .56 11	55 2.39 48	2.0 .05 1	0 .00	199 3.26 66	37 .77 16	31 .87 18	.4 .01	.14 --	.6 287 270	127 0	2.1		
02/27/73	09N/01E-01M01	S																	
	5101		7.5	484	42 2.10 41	6.4 .53 10	55 2.39 47	2.0 .05 1	0 .00	199 3.26 66	36 .75 15	31 .87 18	4.2 .07 1	.17 --	.5 293 275	131 0	2.1		
02/27/73	09N/01E-13E01	S																	
	5101		7.4	1222	125 6.24 48	19 1.56 12	114 4.96 39	4.6 .12 1	0 .00	240 3.93 30	270 5.62 44	102 2.88 22	29.0 .47 4	.61 --	.5 800 782	388 194	2.5		
02/27/73	09N/01E-13E02	S																	
	5101		7.6	1072	92 4.59 41	16 1.32 12	121 5.26 47	4.3 .11 1	0 .00	342 5.61 51	137 2.85 26	82 2.31 21	20.0 .32 3	.50 --	.5 651 641	294 15	3.1		
02/24/73	09N/01E-15N02	S																	
	5101		7.3	1290	108 5.39 39	16 1.32 10	160 6.96 51	3.8 .10 1	0 .00	422 6.92 50	168 3.50 25	116 3.27 24	7.4 .12 1	.66 --	.4 823 787	336 0	3.8		
02/27/73	09N/02E-08N02	S																	
	5101		7.4	375	27 1.35 36	6.7 .55 15	42 1.83 49	1.7 .04 1	0 .00	153 2.51 69	25 .52 14	21 .59 15	2.5 .04 1	.05 --	.6 236 201	94 0	1.9		
02/27/73	09N/02E-18E01	S																	
	5101		7.4	1013	73 3.64 36	12 .99 10	122 5.31 53	3.3 .08 1	0 .00	320 5.24 51	129 2.69 26	76 2.14 21	14.0 .23 2	.24 --	.5 643 587	231 0	3.5		
02/27/73	10N/02E-31R01	S																	
	5101		7.8	622	34 1.70 27	5.5 .45 7	92 4.00 64	2.9 .07 1	0 .00	165 2.70 43	93 1.94 31	55 1.55 25	2.1 .03	.77 --	.6 389 366	108 0	3.9		
02/27/73	09N/01W-10D02	S																	
	5101		7.2	1089	124 6.19 48	19 1.56 12	114 4.96 39	4.2 .11 1	0 .00	364 5.97 47	192 4.00 32	93 2.62 21	1.9 .03	.29 --	.4 747 727	387 89	2.5		

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B SIO2	F	TDS SUM	TH MCM	SAR			
.....																				
	W-28 W-28.E		LAMONTAN DRAINAGE PROVINCE MOJAVE HYDRO UNIT LOWER MOJAVE HYDRO SUBUNIT																	
02/27/73	5101 5101		09N/01W-10G01 S	7.2	1701	124 6.19 34	26 2.14 12	225 9.79 54	4.7 .12 1	0 .00	445 7.29 39	353 7.35 40	135 3.81 21	5.3 .09	.43	.8 --	1091 1092	416 52	4.8	
02/27/73	5101 5101		09N/01W-10G02 S	7.3	1181	110 5.49 45	22 1.81 15	111 4.83 39	3.9 .10 1	0 .00	322 5.28 42	222 4.62 37	90 2.54 20	2.3 .04	.16	.5 --	738 720	364 101	2.5	
02/27/73	5101 5101		09N/01W-13H01 S	7.5	1072	80 3.99 36	14 1.15 10	137 5.96 53	3.8 .10 1	0 .00	283 4.64 42	157 3.27 29	110 3.10 28	7.4 .12 1	.50	.6 --	854 849	258 25	3.7	
02/27/73	5101 5101		09N/01W-13H02 S	7.5	704	50 2.89 40	9.2 .76 11	80 3.48 48	3.2 .08 1	0 .00	213 3.49 49	80 1.67 23	68 1.92 27	3.3 .05 1	.27	.4 --	404 407	183 8	2.6	
01/26/73	5101 5101		W-28.F W-28.F2 08N/03E-03E05 S	7.0	404	25 1.25 30	7.2 .59 14	53 2.31 55	2.2 .06 1	0 .00	175 2.87 67	31 .65 15	27 .76 18	1.0 .02	.25	.6 --	319 233	89 0	2.4	E T
04/24/73	5101 1200		09N/04E-17N01 S	7.2	2404	205 10.23 40	16 1.32 5	328 14.27 55	1.9 .05	0 .00	230 3.77 14	622 12.95 50	325 9.17 35	11.0 .18 1	2.70	.9 --	1641 1625	577 389	5.9	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																	
DATE	SAMPLER	TEMP	FIELD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER					MILLIGRAMS PER LITER				
TIME	LAB		LABORATORY	EC	CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH
			PH													SUM	MEW
.....																	
X																	
X-01																	
COLORADO R. BASIN DRAINAGE PROV																	
LUCERNE HYDRO UNIT																	
03N/01E-03F01 S																	
11/21/72	5101				41	23	19	1.5	0	242	23	7.8	3.2	.85	.7	276	190
	5101	7.8	471	2.05	1.89	.83	.04	.08	3.97	.48	.22	.85		--	--	238	0
				43	39	17	1		84	10	5	1				0	0.6
04/24/73	5101				42	21	20	1.6	0	250	20	8.0	3.4	.80	.6	192	191
1430	5101	7.7	487	2.10	1.73	.87	.04	.08	4.10	.42	.23	.05		--	--	239	0
				44	36	18	1		85	8	5	1				0	0.6
04N/01E-01R02 S																	
11/21/72	5101				27	3.6	210	5.5	0	123	255	114	2.4	.76	3.6	683	81
	5101	8.8	1114	1.35	.30	9.14	.14	.00	2.02	5.31	3.21	.04		--	--	679	0
				12	3	84	1		19	50	30					0	10.1
04/16/73	5101				27	3.6	214	4.7	0	128	255	125	2.5	.78	3.9	725	83
	5101	8.0	1274	1.35	.30	9.31	.12	.00	2.07	5.31	3.53	.04		--	--	695	0
				12	3	84	1		19	48	32					0	10.3
04N/01E-06H01 S																	
10/30/72	5101				94	38	71	2.4	0	290	206	81	3.0	.23	.3	881	389
	5101	7.8	993	4.69	3.13	3.09	.06	.00	4.75	4.29	1.72	.05		--	--	618	154
				43	29	28	1		44	40	16					154	1.6
04/13/73	5101				32	64	79	2.3	0	327	168	39	8.1	.19	.3	621	339
	5101	7.8	895	1.60	5.26	3.44	.06	.00	5.36	3.50	1.10	.13		--	--	553	75
				15	51	33	1		53	35	11	1				75	1.9
04N/01E-06Q01 S																	
10/30/72	5101				108	49	56	2.4	0	153	329	88	4.9	.07	.7	720	470
	5101	7.7	1109	5.39	4.03	2.44	.06	.00	2.51	6.85	2.48	.08		--	--	713	346
				45	34	20	1		21	57	21	1				346	1.1
04/13/73	5101				117	51	60	2.7	0	165	353	84	5.9	.09	.6	954	500
	5101	7.5	1161	5.84	4.19	2.61	.07	.00	2.70	7.35	2.37	.10		--	--	755	367
				46	33	21	1		22	59	19	1				367	1.2
04N/01E-09A01 S																	
04/16/73	5101				54	21	35	1.8	0	123	152	25	1.9	.02	.4	418	220
	5101	8.0	602	2.69	1.73	1.52	.05	.00	2.02	3.16	.71	.03		--	--	351	120
				45	29	25	1		34	53	12	1				120	1.0
04N/01E-12N01 S																	
11/21/72	5101				46	37	62	3.8	0	119	137	113	8.1	.02	.6	477	265
	5101	7.7	830	2.30	3.04	2.70	.10	.00	1.95	2.85	3.19	.13		--	--	465	170
				28	37	33	1		24	35	39	2				170	1.7
04/16/73	5101				48	37	67	4.0	0	119	151	119	9.3	.00	.6	464	271
	5101	7.7	930	2.40	3.04	2.91	.10	.00	1.95	3.14	3.36	.15		--	--	494	175
				28	36	34	1		23	37	39	2				175	1.8
04N/01E-32A01 S																	
11/21/72	5101				39	22	62	12	0	281	66	19	.3	.11	.9	380	188
	5101	7.6	657	1.95	1.81	2.70	.31	.00	4.61	1.37	.54	.00		--	--	359	0
				29	27	40	5		71	21	8					0	2.0
04/24/73	5101				37	22	63	13	0	283	86	24	.0	.13	.9	306	180
1500	5101	7.9	657	1.85	1.81	2.74	.33	.00	4.64	1.37	.68	.00		--	--	364	0
				27	27	41	5		69	20	10					0	2.0
04N/02E-07N01 S																	
11/21/72	5101				81	47	105	6.0	0	99	317	156	1.7	.21	.9	823	394
	5101	7.8	1263	4.04	3.87	4.57	.15	.00	1.62	6.60	4.40	.03		--	--	763	315
				32	31	36	1		13	52	35					315	2.3
04/16/73	5101				78	46	114	6.7	0	99	308	165	1.3	.16	.7	878	382
	5101	8.1	1250	3.89	3.78	4.96	.17	.00	1.62	6.41	4.65	.02		--	--	768	303
				30	30	39	1		13	50	37					303	2.5
04N/02E-17E01 S																	
11/21/72	5101				37	19	56	3.3	0	121	99	45	32.0	.04	.8	334	170
	5101	7.6	599	1.85	1.56	2.44	.08	.00	1.98	2.06	1.27	.52		--	--	351	72
				31	26	41	1		34	35	22	9				72	1.9
04/16/73	5101				35	22	57	3.5	0	128	107	46	35.0	.06	.7	436	178
	5101	7.5	608	1.75	1.81	2.48	.09	.00	2.10	2.23	1.30	.56		--	--	368	72
				29	30	40	1		34	36	21	9				72	1.9
05N/01E-17C02 S																	
11/20/72	5101				189	9.6	910	15	0	254	691	1176	.3	3.00	2.6	3092	510
	5101	7.5	4926	9.43	.79	39.59	.38	.00	4.16	14.39	33.16	.00		--	--	3119	303
				19	2	79	1		8	28	64					303	17.5
04/16/73	5101				187	9.9	910	12	0	92	694	1230	.3	3.40	2.6	3098	507
	5101	7.9	5128	9.33	.81	39.59	.31	.00	1.51	14.45	34.69	.00		--	--	3092	432
				19	2	79	1		3	29	68					432	17.6
05N/01E-17D01 S																	
04/16/73	5101				299	72	684	7.8	0	73	655	1250	.3	1.20	1.5	3082	1039
	5101	6.8	4831	14.92	5.92	29.75	.20	.00	1.20	13.64	35.25	.00		--	--	3085	983
				29	12	59			2	27	70					983	9.2
05N/01E-17D02 S																	
10/31/72	5101				241	69	570	7.5	0	85	579	1044	2.0	1.23	3.3	2723	882
	5101	7.3	4167	12.03	5.67	24.80	.19	.00	1.39	12.05	29.44	.03		--	--	2556	816
				28	13	58			3	28	69					816	8.3
05N/01E-19P01 S																	
10/31/72	5101				264	137	128	4.8	0	121	160	882	1.7	.10	.3	2141	1217
	5101	7.6	3378	13.17	11.27	5.57	.12	.00	1.98	3.33	24.87	.03		--	--	1637	1124
				44	37	18			7	11	82					1124	1.6
04/16/73	5101				264	118	131	4.2	0	126	163	830	2.5	.02	.4	2306	1141
	5101	7.8	2907	13.17	9.70	5.70	.11	.00	2.07	3.39	23.41	.04		--	--	1575	1041
				46	34	20			7	12	81					1041	1.7



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER B F TDS TH SAR					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM	TH NCH	SAR	
.....																		
X																		
X-01																		
COLORADO R. BASIN DRAINAGE PROV																		
LUCERNE HYDRO UNIT																		
04/13/73	5101	05N/01E-19001 S	7.9	281	124	131	4.8	0	114	152	900	2.0	.00	.4	2120	1206	1.6	E
	5101			2941	14.02	10.20	5.70	.12	.00	1.87	3.16	25.38	.03	--	1651	1118		T
				47	34	19			6	10	83							
10/31/72	5101	05N/01E-21M01 S	7.8	389	42	1856	6.1	0	92	821	3028	.9	8.00	1.2	6648	1141	23.9	
	5101			10638	19.41	3.45	80.74	.16	.00	1.51	17.09	85.39	.01	--	6196	1068		
				19	3	78			1	16	82							
04/16/73	5101	05N/01E-29N02 S	8.0	480	44	2240	64	0	119	1330	3450	2.5	7.00	3.1	7754	1378	26.2	E
	5101			10638	23.95	3.62	97.44	1.64	.00	1.95	27.69	97.29	.04	--	7676	1282		
				19	3	77	1		2	22	77							
10/31/72	5101	05N/01E-29N02 S	7.5	796	69	72	3.2	0	107	174	466	9.9	.09	.4	1337	771	0.7	TC
	5101			1965	39.72	5.67	3.13	.08	.00	1.75	3.62	13.14	.16	--	1643	2184		S
				82	12	6			9	19	70	1						
04/13/73	5101	05N/01E-31F01 S	8.0	194	68	75	2.9	0	102	225	440	11.0	.02	.4	1577	763	1.2	E
	5101			1838	9.68	5.59	3.26	.07	.00	1.67	4.68	12.41	.18	--	1066	681		T
				52	30	18			9	25	66	1						
10/31/72	5101	05N/01E-31F01 S	7.9	81	46	94	2.4	0	203	160	191	2.0	.20	.6	683	392	2.1	C
	5101			1513	4.04	3.78	4.09	.06	.00	3.33	3.33	5.39	.03	--	676	225		
				34	32	34	1		28	28	45							
04/16/73	5101	05N/01E-31P01 S	8.1	81	27	64	2.3	0	140	133	146	1.9	.00	.4	717	314	1.6	E
	5101			946	4.04	2.22	2.78	.06	.00	2.29	2.77	4.12	.03	--	524	199		T
				44	24	31	1		25	30	45							
10/30/72	5101	05N/01E-31P01 S	8.0	134	110	65	3.6	0	165	441	225	12.0	.13	.6	1211	783	1.0	
	5101			1866	6.69	9.05	2.83	.09	.00	2.70	9.18	6.35	.19	--	1072	653		
				36	48	15			15	50	34	1						
04/16/73	5101	05N/01E-31P01 S	8.1	116	79	61	3.3	0	170	334	190	10.0	.05	.5	1175	615	1.1	E
	5101			1408	5.79	6.50	2.65	.08	.00	2.79	6.95	5.36	.16	--	877	475		T
				39	43	18	1		18	46	35	1						
10/30/72	5101	05N/01E-32P01 S	7.7	98	36	56	1.8	0	172	289	50	4.1	.05	.5	688	389	1.2	E
	5101			966	4.89	2.96	2.44	.05	.00	2.82	6.02	1.41	.07	--	620	252		
				47	29	24			27	58	14	1						
04/13/73	5101	05N/01E-32P01 S	8.1	66	27	48	1.6	0	157	187	45	1.2	.05	.4	572	273	1.3	E
	5101			735	3.29	2.22	2.09	.04	.00	2.57	3.89	1.27	.02	--	453	147		T
				43	29	27	1		33	50	16							
10/30/72	5101	05N/01E-32R01 S	7.8	56	21	54	2.2	0	131	181	32	.4	.07	.7	458	227	1.6	
	5101			690	2.79	1.73	2.35	.06	.00	2.15	3.77	.90	.01	--	411	119		
				40	25	34	1		31	55	13							
04/13/73	5101	05N/01E-32R01 S	7.7	54	24	53	2.6	0	150	179	36	.7	.08	.5	492	235	1.5	E
	5101			669	2.69	1.97	2.31	.07	.00	2.46	3.73	1.02	.01	--	423	110		
				38	28	33	1		34	52	14							
04/16/73	5101	06N/01E-31Q01 S	8.2	63	32	139	5.2	0	133	246	135	48.0	.49	1.5	802	286	3.6	
	5101			1182	3.14	2.63	6.05	.13	.00	2.18	5.12	3.81	.77	--	734	180		
				26	22	51	1		18	43	32	6						
10/30/72	5101	04N/01W-01E01 S	7.2	40	31	24	1.7	0	232	52	2.6	.4	.03	.7	254	224	0.7	S
	5101			537	2.00	2.55	1.04	.04	.00	3.80	1.08	.07	.01	--	246	38		
				36	45	18	1		77	22	1							
04/13/73	5101	04N/01W-01P01 S	7.8	31	36	24	1.9	0	225	55	29	2.4	.01	.6	308	223	0.7	
	5101			521	1.55	2.96	1.04	.05	.00	3.69	1.15	.82	.04	--	290	41		
				28	53	19	1		85	20	14	1						
10/30/72	5101	04N/01W-01P01 S	7.9	41	34	48	2.6	0	145	119	72	12.0	.05	.7	383	241	1.3	
	5101			709	2.05	2.80	2.09	.07	.00	2.38	2.48	2.03	.19	--	400	124		
				29	40	30	1		34	35	29	3						
04/13/73	5101	04N/01W-01P03 S	7.9	135	79	71	3.5	0	295	367	128	39.0	.08	.4	1200	661	1.2	E
	5101			1403	6.74	6.50	3.09	.09	.00	4.84	7.64	3.61	.63	--	948	420		
				41	40	19	1		29	46	22	4						
10/30/72	5101	04N/01W-03F02 S	8.4	22	5.9	370	5.1	4.8	310	351	181	.6	.54	5.2	1132	80	18.1	
	5101			1786	1.10	.49	16.10	.13	.16	5.08	7.31	5.10	.01	--	1093	0		
				6	3	90	1		1	29	41	29						
04/13/73	5101	04N/01W-03F02 S	8.2	20	6.2	378	4.8	0	312	360	195	.4	.62	6.9	1106	74	18.9	
	5101			1821	1.00	.51	16.44	.12	.00	5.11	7.50	5.50	.01	--	1118	0		
				6	3	91	1		28	41	30							
10/30/72	5101	04N/01W-09R01 S	7.3	105	10	61	3.0	0	218	107	70	64.0	.07	.9	624	305	1.5	E
	5101			882	5.24	.82	2.65	.08	.00	3.57	2.23	1.97	1.03	--	527	125		
				60	9	30	1		41	25	22	12						
04/13/73	5101	04N/01W-09R01 S	7.6	105	18	75	3.3	0	213	127	85	98.0	.18	1.2	655	333	1.8	
	5101			998	5.24	1.48	3.26	.08	.00	3.49	2.64	2.40	1.58	--	616	162		
				52	15	32	1		35	26	24	16						

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM			
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TM MCM	SAR	
COLORADO R. BASIN DRAINAGE PROV LUCERNE HYDRO UNIT																			
X X-01																			
10/30/72	5101 5101	7.8	595	42	31	39	1.8	0	300	46	14	8.7	.08	.3	386	233	1.1		
				2.10	2.55	1.70	.05	.00	4.92	.96	.39	.14	--	--	330	0			
04/13/73	5101 5101	8.0	587	43	29	39	1.4	0	293	47	14	9.4	.08	.4	325	225	1.1		
				2.15	2.38	1.70	.04	.00	4.80	.98	.39	.15	--	--	327	0			
10/30/72	5101 5101	8.0	452	44	22	15	2.0	0	235	25	8.8	3.9	.03	.1	289	199	0.5		
				2.20	1.81	.65	.05	.00	3.85	.52	.25	.06	--	--	236	8			
04/13/73	5101 5101	8.1	439	26	33	15	2.0	0	235	30	10	4.0	.02	.3	298	197	0.5	T	
				1.30	2.71	.65	.05	.00	3.85	.62	.28	.06	--	--	236	8			
10/30/72	5101 5101	7.7	1786	119	63	190	6.5	0	269	631	71	6.1	3.20	1.1	1358	556	E		
				5.94	5.18	8.27	.17	.00	4.41	13.14	2.00	.10	--	--	1222	336	3.5		
04/13/73	5101 5101	7.7	1520	77	39	214	5.4	0	223	538	65	.9	2.70	1.1	1087	352	E		
				3.84	3.21	9.31	.14	.00	3.65	11.20	1.83	.01	--	--	1052	170	5.0		
11/21/72	5101 5101	7.5	2625	182	24	292	4.4	0	95	104	711	17.0	.60	1.0	1671	554	5.4		
				9.08	1.97	12.70	.11	.00	1.56	2.17	20.05	.27	--	--	1382	475			
04/16/73	5101 5101	7.9	4348	317	27	563	5.1	0	92	140	1355	16.0	.99	.9	3442	901	E		
				15.82	2.22	24.49	.13	.00	1.51	2.91	38.21	.26	--	--	2469	827	8.2		
X-02 JOHNSON HYDRO UNIT																			
04/24/73	5101 1030	7.3	1093	101	27	66	5.7	0	267	231	47	.8	.23	.5	689	365	1.5		
				5.04	2.22	2.87	.15	.00	4.38	4.81	1.33	.01	--	--	610	144			
04/24/73	5101 1200	7.8	1170	89	33	116	4.4	0	131	346	102	2.1	.24	.4	732	358	2.7		
				4.44	2.71	5.05	.11	.00	2.15	7.20	2.88	.03	--	--	757	250			
04/24/73	5101 1200	7.8	1290	94	38	127	5.1	0	131	370	121	5.3	.26	.4	823	390	2.8		
				4.69	3.13	5.52	.13	.00	2.15	7.70	3.41	.09	--	--	825	284			
11/21/72	5101 5101	7.6	785	49	29	85	4.2	0	95	244	41	3.2	.07	.6	533	242	1.8		
				2.45	2.38	2.83	.11	.00	1.56	5.08	1.16	.05	--	--	482	164			
11/21/72	5101 5101	7.6	812	79	28	60	4.8	0	128	285	35	1.8	.17	.6	620	314	E		
				3.94	2.30	2.61	.12	.00	2.10	5.93	.99	.03	--	--	557	207	1.5		
04/24/73	5101 1100	7.2	835	71	27	61	5.3	0	114	272	34	.8	.15	.4	464	290	1.6		
				3.54	2.22	2.65	.14	.00	1.87	5.66	.96	.01	--	--	527	195			
11/21/72	5101 5101	7.7	936	52	27	103	4.8	0	135	281	36	2.8	.25	1.0	600	241	2.9		
				2.59	2.22	4.48	.12	.00	2.21	5.85	1.02	.05	--	--	573	130			
04/24/73	5101 1100	7.9	912	58	22	104	4.9	0	133	282	38	2.4	.25	1.1	515	233	3.0		
				2.89	1.81	4.52	.13	.00	2.18	5.87	1.07	.04	--	--	577	126			
11/21/72	5101 5101	7.5	861	64	26	74	5.0	0	126	263	37	3.5	.21	.8	554	263	2.0		
				3.19	2.14	3.22	.13	.00	2.07	5.48	1.04	.06	--	--	535	163			
04/24/73	5101 1100	8.2	929	61	23	80	5.5	0	121	269	40	1.5	.19	.7	532	248	2.2		
				3.04	1.89	3.48	.14	.00	1.98	5.60	1.13	.02	--	--	540	148			
11/21/72	5101 5101	7.5	1422	70	55	145	4.8	0	160	366	156	4.0	.22	.9	918	397	3.2		
				3.49	4.52	6.31	.12	.00	2.62	7.62	4.40	.06	--	--	880	270			
11/21/72	5101 5101	7.8	2941	167	137	171	7.8	0	121	417	588	25.0	.22	.9	1803	979	2.4		
				8.33	11.27	7.44	.20	.00	1.98	8.68	16.02	.40	--	--	1553	882			
04/24/73	5101 1330	7.7	2481	179	137	186	7.7	0	123	414	625	25.0	.19	.8	1830	1005	2.5		
				8.93	11.27	8.09	.20	.00	2.02	8.62	17.63	.40	--	--	1634	910			

TABLE E-1 (CONT.)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR							
COLORADO R. BASIN DRAINAGE PROV EMERSON HYDRO UNIT																								
X X-05																								
11/21/72	5101 5101		7.6	498	41 19	79 61	45 19	2.7 1	0 1	165 2.70	39 58	37 17	8.1 1.04	.06 --	.4 --	280 333	134 293	0.9		C S				
04/18/73	5101 5101		8.0	424	34 40	6.7 13	44 45	2.5 1	0 1	167 64	32 16	27 18	7.5 1.12	.09 --	.3 --	268 236	112 0	1.8						
11/21/72	5101 5101		7.4	600	37 31	6.2 .51	82 3.57	2.6 .07	0 1	135 2.21	99 2.06	47 1.33	8.0 1.13	.22 --	1.9 --	348 348	117 8	3.3						
04/18/73	5101 5101		8.0	574	35 31	6.7 1.75	75 10	3.0 3.26	0 1	131 2.15	100 37	46 1.30	8.1 1.13	.15 --	1.9 --	384 338	114 8	3.0						
11/21/72	5101 5101		7.7	353	23 34	4.5 1.15	41 11	3.1 53	0 2	121 1.98	28 58	20 17	5.7 1.09	.03 --	.5 --	178 185	76 0	2.0		S				
04/18/73	5101 5101		7.9	339	23 36	2.6 1.15	40 7	3.0 55	0 3	126 2.07	27 63	20 17	6.1 1.10	.06 --	.4 --	226 184	68 0	2.1						
X-08 X-08.A																								
JOSHUA TREE HYDRO UNIT WARREN HYDRO SUBUNIT																								
11/21/72	5101 5101		7.2	263	21 45	3.6 .30	22 41	1.1 .03	0 1	99 1.62	10 21	11 31	9.0 1.15	.05 --	.3 --	169 126	68 0	1.2		T				
04/18/73	5101 5101		7.9	283	24 42	4.3 .35	30 12	.9 1.31	0 1	123 2.02	12 25	15 14	15.0 1.24	.03 --	.3 --	94 162	77 0	1.5		E T				
11/22/72	5101 5101		7.7	340	41 60	11 .90	9.4 26	2.3 1.2	0 2	160 2.62	27 76	6.9 16	3.6 6	.02 --	.5 --	225 180	149 17	0.3						
X-08.B																								
COPPER MOUNTAIN HYDRO SUBUNIT																								
11/21/72	5101 5101		7.5	264	16 30	4.6 .38	33 14	1.9 .05	0 2	112 1.84	12 25	15 .42	11.0 1.18	.07 --	.5 --	186 149	58 0	1.9		E				
04/18/73	5101 5101		7.9	295	14 26	5.2 .43	33 16	3.6 .09	0 3	112 1.84	11 23	14 .39	12.0 1.19	.01 --	.4 --	192 148	57 0	1.9		T				
11/09/72	5101 5101		7.6	276	14 27	4.2 .35	35 13	1.4 1.52	0 2	114 1.87	5.9 12	11 .31	13.0 1.21	.05 --	.8 --	160 141	52 0	2.1						
04/18/73	5101 5101		7.0	252	17 33	1.8 .15	35 6	1.4 1.52	0 2	114 1.87	7.4 15	10 .28	14.0 1.23	.04 --	.5 --	59 143	50 0	2.2		E T				
X-09 X-09.A																								
DALE HYDRO UNIT TWENTYNINE PALMS HYDRO SUBUNIT																								
11/09/72	5101 5101		7.8	941	56 32	11 .90	111 4.83	4.5 .12	0 1	123 2.02	236 4.91	52 1.47	12.0 1.19	.27 --	3.0 --	600 543	184 84	3.6						
04/18/73	5101 5101		7.8	822	57 33	8.5 .70	114 8	3.8 4.96	0 1	121 1.98	235 4.89	51 1.44	12.0 1.19	.14 --	2.8 --	463 541	177 78	3.7						
11/09/72	5101 5101		7.6	321	15 29	2.0 .16	38 6	1.4 1.65	0 2	109 1.79	8.6 .18	9.8 .28	9.3 1.15	.14 --	1.3 --	152 138	45 0	2.4						
04/17/73	5101 5101		7.7	324	12 24	1.0 .08	42 1.83	1.6 .04	0 2	114 1.87	6.7 14	15 .42	10.0 1.16	.19 --	1.1 --	194 145	34 0	3.1		T				
04/18/73	5101 5101		7.8	342	12 23	3.1 .25	40 10	1.5 1.74	0 2	117 1.92	9.4 .20	11 .31	11.0 1.18	.14 --	1.2 --	165 146	42 0	2.7						
11/09/72	5101 5101		8.1	242	6.8 .34	1.3 .11	40 5	1.4 1.74	0 2	97 1.59	10 .21	13 .37	.7 1.01	.11 --	1.1 --	161 121	22 0	3.7		T				
X-09.B																								
DALE HYDRO SUBUNIT																								
11/09/72	5101 5101		7.9	2262	30 7	2.8 .23	456 19.84	7.6 .19	0 1	123 2.02	593 12.35	240 6.77	2.3 1.04	2.40 --	11.0 --	1436 1395	87 0	21.3						
04/17/73	5101 5101		8.0	2217	26 1.30	2.6 .21	450 19.58	8.1 .21	0 1	121 1.98	584 12.16	240 6.77	2.0 1.03	2.10 --	9.5 --	1404 1374	74 0	22.5						



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																				
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS				
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TH NCH	SAR		
.....																				
X X-09 X-09.B		COLORADO R. BASIN DRAINAGE PROV																		
		DALE HYDRO UNIT																		
		DALE HYDRO SUBUNIT																		
04/17/73	5101			10	2.6	88	1.6	0	126	8.6	13	12.0	.21	1.2	189	36				
	5101		8.0 321	.50	.21	2.09	.04	.07	2.07	.18	.37	.19		--	158	0	3.5			
				18	7	74	1		74	.6	13	7								
X-19 X-19.A		WHITewater HYDRO UNIT																		
		MORONGO HYDRO SUBUNIT																		
04/18/73	5101			86	20	77	6.4	0	305	160	33	3.7	.06	.5	611	297				
	5101		7.1 870	4.29	1.64	3.35	.16	.00	5.00	3.33	.93	.06		--	536	47	1.9	E		
				45	17	35	2		54	36	10	1								
11/21/72	5101			52	13	77	6.2	0	283	.88	25	1.0	.07	.5	439	184				
	5101		7.8 697	2.59	1.07	3.35	.16	.00	4.64	1.83	.71	.02		--	401	0	2.5			
				36	15	47	2		64	25	10									
04/18/73	5101			54	12	76	5.6	0	269	.88	30	.0	.14	.6	450	184				
	5101		7.5 687	2.69	.99	3.31	.14	.00	4.41	1.83	.85	.00		--	398	0	2.4			
				38	14	46	2		62	26	12									
11/21/72	5101			60	28	57	6.8	0	257	143	19	.9	.03	.6	481	244				
	5101		7.4 760	2.99	2.30	2.48	.17	.00	4.21	2.98	.54	.01		--	441	54	1.5			
				38	29	31	2		54	39	7									
04/18/73	5101			82	15	55	6.8	0	269	146	21	1.1	.05	.6	522	267				
	5101		7.7 755	4.09	1.23	2.39	.17	.00	4.41	3.04	.59	.02		--	459	46	1.5			
				52	16	30	2		55	38	7									
11/21/72	5101			73	13	148	4.1	0	199	292	54	4.7	.09	.8	675	237				
	5101		7.8 1074	3.64	1.07	6.44	.10	.00	3.26	6.08	1.52	.08		--	687	73	4.2			
				32	10	57	1		30	56	14	1								
04/18/73	5101			74	12	142	4.3	0	199	290	57	4.7	.03	.6	734	233				
	5101		8.2 1043	3.69	.99	6.18	.11	.00	3.26	6.04	1.61	.08		--	682	71	4.0	E		
				34	9	56	1		30	55	15	1								
X-19.C X-19.C2		SAN GORGONIO HYDRO SUBUNIT																		
		SAN GORGONIO HYDRO SUBAREA																		
11/06/72	5103	59.0F		34	11	8.3	2.7	0	167	22	2.8	1.0	.02	.4	167	140				
	0305	15.0C	8.1 314	1.70	.90	.36	.07	.00	2.74	.46	.08	.02		--	164	0	0.3	S		
				56	30	12	2		83	14	2	1								
05/18/73	5103	58.0F		29	14	8.7	1.6	0	154	19	6.0	1.8	.00	.6	163	134				
	0900	14.4C	8.3 291	1.48	1.20	.38	.04	.00	2.52	.40	.17	.03		--	157	8	0.3			
				48	39	12	1		81	13	5	1								
11/06/72	5103	60.0F		35	11	7.4	2.7	0	154	19	4.6	5.0	.04	.3	166	132				
	0300	15.5C	8.1 299	1.75	.90	.32	.07	.00	2.52	.40	.13	.08		--	160	7	0.3			
				58	30	11	2		81	13	8	3								
05/18/73	5103	59 F		32	13	6.9	1.6	0	148	22	8.2	2.6	.00	.9	186	139				
	0845	15 C	8.2 290	1.64	1.11	.30	.04	.00	2.43	.47	.23	.04		--	161	16	0.3			
				53	36	10	1		77	15	7	1								
09/14/73	5103	60.0F		34	12	6.4	2.0	0	153	18	7.8	2.0	.00	.8	159	135				
	1415	15.5C	8.2 308	1.70	1.00	.28	.05	.00	2.51	.38	.22	.03		--	158	10	0.2			
				56	33	9	2		80	12	7	1								
		20S/01E-29F01 S																		
08/18/73	5103	60 F		34	11	7.8	1.6	2.0	138	.18	7.1	3.7	.00	.6	166	136				
	1330	16 C	8.4 299	1.74	.96	.34	.04	.07	2.26	.38	.20	.04		--	155	19	0.3			
				56	31	11	1	2	76	13	7	2								
		20S/01E-33J01 S																		
05/18/73	5103	60.0F		49	2.9	7.6	2.7	0	152	18	6.0	7.0	.00	.5	174	136				
	0808	15.5C	8.3 295	2.46	.24	.33	.07	.00	2.49	.39	.17	.11		--	169	11	0.3			
				79	8	11	2		79	12	5	3								
09/14/73	5103	61.0F		34	13	6.9	2.0	0	153	15	10	6.5	.00	.7	177	142				
	1505	16.1C	8.2 316	1.74	1.10	.30	.05	.00	2.51	.32	.30	.10		--	165	17	0.3			
				55	34	9	2		78	16	9	3								
		20S/01E-33J02 S																		
09/14/73	5103	61.0F		36	12	5.7	2.0	0	158	14	11	5.6	.00	.8	170	143				
	1507	16.1C	8.2 308	1.82	1.04	.25	.05	.00	2.46	.31	.32	.09		--	162	20	0.2			
				58	33	8	2		77	16	10	3								
		20S/01E-33J03 S																		
05/18/73	5103	61 F		32	14	9.0	1.6	0	154	20	9.6	6.5	.00	.6	169	141				
	0815	16 C	8.3 300	1.64	1.18	.39	.04	.00	2.52	.42	.27	.10		--	170	15	0.3			
				50	36	12	1		76	13	8	3								
		20S/01E-34A01 S																		
09/16/73	5103	61 F		47	18	22	1.2	0	222	29	17	11.4	.00	.7	277	194				
	1428	16 C	8.0 499	2.39	1.49	.96	.03	.00	3.64	.62	.48	.18		--	256	12	0.7			
				49	31	20	1		74	13	10	4								
		20S/02E-15A03 S																		
11/30/72	5101			41	12	55	1.3	0	218	43	131	7.2	.00	1.2	362	153				
	5101		7.5 537	2.05	.99	2.39	.03	.00	3.57	.90	3.69	.12		--	398	0	1.9	C		
				38	18	44	1		43	11	45	1								

MINERAL ANALYSES OF GROUND WATER

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DATE  
TIME11/86  
89615/10



### MINERAL ANALYSES OF GROUND WATER

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																							
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REH	
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE				B	F	TDS SUM	TH MCM		SAR
.....																							
	X X-23 X-23.A		COLORADO R. BASIN DRAINAGE PROV IMPERIAL HYDRO UNIT IMPERIAL HYDRO SUBUNIT																				
	17S/10E-11001	S																					
11/15/72	5050	79.0F		550	7.9	6.3	106	4.4	0	151	56	69	.0	.15	.3	331	44						
1030	5050	26.1C	7.9	563	.39	.52	4.61	.11	.00	2.47	1.17	1.95	.00	--	--	324	0	4.8					
					7	9	82	2		44	21	35											
	17S/10E-11001	S																					
11/15/72	5050	87.0F		540	28	7.6	85	4.3	0	144	74	68	2.3	.15	.4	341	101						
1100	5050	30.5C	7.9	387	1.40	.63	3.70	.11	.00	2.36	1.54	1.92	.04	--	--	340	0	3.7					
					24	11	63	2		40	26	33	1										
	X-23.B		COYOTE WELLS HYDRO SUBUNIT																				
	16S/09E-25K01	S																					
11/15/72	5050	84.0F		600	24	9.3	93	4.7	0	146	46	90	6.8	.21	.6	390	98						
1145	5050	28.9C	7.8	607	1.20	.76	4.05	.12	.00	2.39	.96	2.54	.11	--	--	346	0	4.1					
					20	12	66	2		40	16	42	2										
	16S/09E-36605	S																					
11/15/72	5050	90.0F		600	--	--	--	--	--	--	--	73	--	--	2.0								
1200	5050	32.2C										2.06	--	--	--								
	17S/10E-11A02	S																					
11/15/72	5050	77.0F		500	--	--	--	--	--	--	--	58	--	--	.3								
1120	5050	25.0C										1.64	--	--	--								

TABLE E-1 (CONT)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR			
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																				
08/01/73 0830	4417 5999	70 21	F C	8.0	890	97	21	75	5.1	--	218	235	83	9.8	--	.5	332	1.8		
						48	17	33	.13	1	3.57	4.89	2.36	.16	--					
12/01/72	5102 5868			7.5	995	127	33	57	2.5	--	263	204	87	32.3	.13	.3	456	1.2		
						54	24	21	.06	1	4.31	4.25	2.45	.52	17.0					
04/18/73	5102 5868		7.5	1050	121	41	62	2.6	--	268	215	93	34.1	.16	.3	475	1.2			
					49	28	22	.07	1	4.39	4.48	2.62	.55	19.0						
09/25/73	5134 5868		7.8	1000	123	40	58	2.2	0	263	212	90	32.8	.10	.3	475	1.2			
					51	28	21	.06	.00	4.31	4.41	2.54	.53	20.0	708					259
10/18/72	5102 5868		7.4	735	95	19	55	3.2	--	209	152	62	21.0	.05	.1	316	1.3			
					54	18	27	.08	1	3.43	3.16	1.75	.34	24.0						
04/02/73	5102 5868		7.6	834	97	18	58	3.3	--	207	152	66	27.5	.11	.1	316	1.4			
					54	17	28	.08	1	3.39	3.16	1.86	.44	22.0						
08/02/73	4417 1110	70 21	F C	8.1	750	119	3.9	62	2.9	--	199	211	53	5.3	--	.2	312	1.5		
						66	.32	4	.07	1	3.26	4.39	1.52	.09	--					
10/18/72	5102 5868		7.5	770	89	16	56	4.3	--	215	122	70	15.2	.08	.4	292	1.4			
					53	17	29	.11	1	3.52	2.54	1.97	.25	21.0						
04/02/73	5102 5868		7.6	566	64	13	40	3.2	--	207	63	42	9.0	.15	.4	216	1.2			
					52	18	28	.08	1	3.39	1.31	1.18	.15	20.0						
12/13/72	5102 5868		7.9	985	122	21	86	6.4	--	200	271	96	10.6	.15	.5	415	1.9			
					52	15	32	.16	1	3.28	5.64	2.71	.17	16.0						
08/01/73	4417 1147	70 21	F C	7.9	1050	147	15	78	6.3	--	204	216	90	4.4	--	.5	430	1.6		
						60	11	28	.16	1	3.34	4.50	2.56	.07	--					
12/13/72	5102 5868		7.8	905	121	22	72	5.2	--	188	247	89	11.9	.15	.5	395	1.6			
					54	17	28	.13	1	3.08	5.14	2.51	.19	17.0						
12/13/72	5102 5868		7.7	875	87	16	88	8.7	--	204	178	77	21.6	.17	.5	285	2.3			
					45	14	39	.22	2	3.34	3.71	2.17	.35	18.0						
04/17/73	5102 5868			927	96	14	--	--	--	199	--	83	12.6	--	--	300				
					4.79	1.23	--	--	3.26	--	2.34	.20	--							
10/18/72	5102 5868		7.5	820	103	17	50	4.9	--	193	172	66	5.2	.07	.5	329	1.2			
					58	16	25	.13	1	3.16	3.58	1.86	.08	21.0						
07/26/73	4417 1137	70 21	F C	8.0	870	116	18	46	4.3	--	209	144	68	24.4	--	.5	364	1.1		
						62	16	21	.11	1	3.43	3.00	1.94	.39	--					
08/03/73	4417 1045	70 21	F C	8.4	1150	147	31	64	5.1	1.2	231	346	76	17.7	--	4.7	496	1.3		
						57	20	22	.13	.04	3.79	7.20	2.16	.29	--	803				
07/26/73	4417 1250	70 21	F C	8.1	620	89	7.8	48	3.7	--	225	125	43	10.6	--	.5	254	1.3		
						61	.64	29	.09	1	3.69	2.60	1.22	.17	--					
07/26/73	4417 1110	70 21	F C	8.0	970	135	22	52	5.5	--	207	298	80	14.2	--	.4	431	1.1		
						61	17	21	.14	1	3.39	6.20	2.26	.23	--					
07/31/73	4417 0930	70 21	F C	8.2	420	47	8.3	52	1.8	8.2	203	48	11	--	.5	278	1.9			
						44	.68	43	.05	.27	3.33	1.00	.32	--						
10/02/72	5102 5868		7.2	1450	119	37	142	5.7	--	301	266	162	4.4	.22	.3	449	2.9			
					39	20	40	.15	1	4.93	5.54	4.57	.07	49.0						
04/24/73	5102 5868		7.2	1400	120	34	--	--	--	301	166	--	5.1	--	--	440				
					5.99	2.81	--	--	4.93	3.46	--	.08	--							
09/18/73	5134 5868		7.2	1725	146	46	180	4.8	0	310	398	182	14.7	.18	.5	1170	556	302	3.3	
					38	20	41	.12	.00	5.08	8.29	5.13	.24	45.0						



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REM	
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM		SAR
Y Y-01 Y-01.A Y-01.A1 05S/09W-14Q02 S SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																			
10/02/72	5102 5868		7.4 2100	155 44 282 6.8 7.73 3.62 12.27 .17 32 15 52 1	--	304	594	196	35.3	.46	.4					569		5.1	
05/11/73	5102 5868		7.2 2190	159 42 7.93 3.48	--	294	--	204	33.4	--	--					570			
09/18/73	5134 5868	05S/09W-15J01 S	7.2 1085	96 24 190 3.9 4.79 2.03 4.35 .10 43 18 39 1	0	255	147	119	28.3	.23	.2					680	341 132	2.4	
08/01/73	4417 0945	05S/09W-16B05 S	70 F 21 C 8.1 865	110 23 52 1.6 5.49 1.96 2.30 .04 56 20 23	--	229	168	82	30.1	--	.2					372		1.2	
05/11/73	5102 5868	05S/09W-25E01 S	7.2 1160	64 36 3.19 3.03	--	391	--	77	3.1	--	--					311			
10/02/72	5102 5868	05S/09W-25E04 S	7.4 1620	88 54 4.39 4.44	--	403	--	158	23.3	--	--					442			
04/24/73	5102 5868		7.4 1580	86 52 4.29 4.33	--	397	--	159	25.8	--	--					430			
08/01/73	4417 1000	70 F 21 C 8.0 1400	84 64 133 1.4 4.20 5.32 5.79 .04 27 35 38	--	392	327	142	17.7	--	.8						476		2.7	
09/18/73	5134 5868		7.3 1545	89 51 4.44 4.27	--	399	--	158	22.1	--	--					436 109			
10/02/72	5102 5868	05S/09W-34J01 S	7.5 750	44 11 2.20 .91	--	256	--	54	.1	--	--					157			
04/24/73	5102 5868		7.4 750	44 10 2.20 .90	--	252	--	59	.1	--	--					155			
10/05/72	5102 5868	05S/09W-34Q01 S	7.8 941	43 6.9 2.15 .57	--	221	--	161	3.3	--	--					134			
05/11/73	5102 5868		7.2 896	40 9.7 2.00 .80	--	221	--	153	.3	--	--					139			
09/18/73	5134 5868		7.3 950	42 7.4 2.10 .61	--	221	--	158	.4	--	--					136 0			
10/02/72	5102 5868	05S/09W-36B01 S	7.5 2080	138 80 205 5.7 6.89 6.60 8.96 .15 30 29 40 1	--	367	409	254	40.3	.15	.4					880		3.5	
04/24/73	5102 5868		7.2 2270	195 84 225 4.2 9.73 6.97 9.79 .11 37 26 37	--	389	490	323	73.7	.47	.4					836		3.4	
09/18/73	5134 5868		7.3 2130	189 71 207 7.3 8.43 5.89 9.00 .19 36 25 38 1	8	330	457	265	49.2	.37	.4					717		3.4	
05/23/73	5134 5868	05S/10W-10P01 S	7.3 752	96 17 4.79 1.40 57 17	8	254	97	86	18.9	.16	.4					309		1.2	
07/31/73	4417 1145	05S/10W-12L03 S	70 F 21 C 8.2 740	90 17 43 3.1 4.49 1.44 1.90 .08 57 18 24 1	--	232	120	61	22.2	--	.3					296		1.1	
07/31/73	4417 1100	05S/10W-17Q01 S	70 F 21 C 8.4 960	121 21 52 2.9 6.04 1.80 2.30 .07 59 18 23 1	1.2	135	269	50	7.1	--	.5					392		1.2	
07/31/73	4417 1045	05S/11W-14A10 S	70 F 21 C 8.3 740	71 17 55 1.0 3.56 1.44 2.40 .03 48 19 32	--	182	197	49	4.4	--	.5					250		1.5	
05/00/73	5050 5050	05S/11W-28M02 S	63 F 17 C 8.2 632	37 3.8 84 2.3 1.85 .31 3.65 .06 32 5 62 1	0	165	11	97	.6	.07	.5					311		3.5	

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS			
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TH MCM	SAR	
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																			
07/31/73 0955	4417 5999	70 21	F C	8.7	330	8.8 .44 14	.5 .04 1	62 2.70 85	--	4.8 .16	166 2.72	--	10 .30	--	.7 --			24 0	5.5
05/00/73	5050 5050					1465 5.3	179 14410	1379 73.10	18 14.72	0 59.99	2 .44	161 .03	5150 3.35145.23	2.0 .03	.00 --	.6 8355	9146 4393	4391 9.1	
05/00/73	5050 5050			7.9	356	16 .80 22	3.0 .25 7	57 2.48 69	1.5 .04 1	0 .00	146 2.39 69	27 .56 16	18 .51 15	.2 .00	.03 --	.5 195	180 0	53 3.4	
05/00/73	5050 5050					2680 8.3	69 2834	21 3.44 13	502 21.84 6	5.6 .14 1	0 .00	340 5.57 21	1.2 .02	733 20.67 78	18.4 .30 1	1.33 --	.4 1519	1531 0	258 13.6
05/00/73	5050 5050	66 19	F C	7.6	1317	1350 6.04 52	121 1.97 17	24 3.44 30	79 .11 1	4.4 .00	0 1.93 17	.0 .00	329 9.28 83	.2 .00	.05 --	.5 616	951 304	403 1.7	
05/00/73	5050 5050	68 20	F C	7.8	1672	2150 5.19 35	104 1.15 8	14 7.92 53	182 .57 4	0 .00	76 1.25 8	68 1.42 10	425 11.99 82	3.3 .05	.15 --	.5 856	930 255	317 4.4	
05/00/73	5050 5050	66 19	F C	7.9	38450	448 22.36 5	1066 87.67356.70	8200 356.70	264 6.75 1	0 .00	425 6.97 1	2253 46.91417.36	14800 17.36 89	20.0 .32	3.50 --	2.1 27263	27943 5157	5500 48.1	
05/00/73	5050 5050	68 20	F C	8.1	402	370 1.90 46	38 1.90 46	6.6 .54 13	38 1.65 40	2.2 .06 1	0 .00	188 3.08 75	.31 .65 16	13 .37 9	.0 .00	.09 --	.6 214 221	122 0	1.5
08/03/73 1020	4417 5999	70 21	F C	8.5	550	70 3.52 58	12 1.00 16	34 1.50 25	3.1 .08 1	4.8 .16 3	214 3.51 58	81 1.70 28	22 .62 10	4.4 .07 1	-- --	.7 338		226 43	1.0
10/02/72	5102 5868					135 6.74 31	64 5.33 25	214 9.31 43	6.7 .17 1	--	319 5.23 25	466 9.70 46	194 5.47 26	49.0 .79 4	.26 49.0	.6		603	3.8
04/24/73	5102 5868					103 5.14 37	36 2.96 21	132 5.74 41	4.8 .12 1	--	301 4.93 35	270 5.62 40	113 3.19 23	19.5 .31 2	.23 51.0	.5		406	2.9
09/18/73	5134 5868					106 5.29 36	38 3.13 21	140 6.89 42	5.7 .15 1	0 .00	306 5.02 35	282 5.87 41	115 3.24 22	19.3 .31 2	.11 54.0	.5	911	421 170	3.0
10/02/72	5102 5868					75 3.74	16 1.37	--	--	--	230 3.77	--	144 4.06	22.3 .36	-- --	--	--	254	
04/24/73	5102 5868					71 3.54 30	20 1.67 14	153 6.66 56	4.5 .12 1	--	232 3.80 32	172 3.58 30	146 4.12 34	31.3 .50 4	.36 37.0	.5		261	4.1
09/18/73	5134 5868					81 4.04 33	18 1.50 12	150 6.53 54	3.6 .09 1	0 .00	232 3.80 32	177 3.69 31	143 4.03 34	26.6 .43 4	.21 34.0	.4	748	278 87	3.9
10/02/72	5102 5868					131 6.54 41	34 2.85 18	146 6.35 40	5.0 .13 1	--	275 4.51 29	248 5.16 33	192 5.41 34	39.5 .64 4	.21 49.0	.4		467	2.9
04/24/73	5102 5868					117 5.84	49 4.08	--	--	--	274 4.49	--	204 5.75	46.2 .75	-- --	--	--	496	
09/18/73	5134 5868					137 6.84	31 2.60	--	--	0 .00	272 4.46 42	--	189 5.33 51	44.1 .71 7	-- --	--	--	471 249	
10/05/72	5102 5868					58 2.89	11 .94	--	--	--	224 3.67	--	77 2.17	1.7 .03	-- --	--	--	193	
05/17/73	5102 5868					58 2.89	14 1.16	--	--	--	223 3.65	--	99 2.79	1.7 .03	-- --	--	--	203	
09/18/73	5134 5868					59 2.94	12 1.05	--	--	0 .00	220 3.61 57	--	97 2.74 43	2.1 .03	-- --	--	--	199 19	

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
					CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH NCM	SAR			
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																					
10/02/72	Y-01 Y-01.A Y-01.A1 06S/09W-04L02	S			286 7.1	71 2580	220 14.27	4.9 5.90	--	327 5.36	651 13.55	332 9.36	75.6 1.22	.22 42.0				1010		3.0	
04/24/73	5102 5868				241 7.1	53 2160	180 12.03	4.7 4.40	0 .00	295 4.84	511 10.64	283 7.98	64.9 1.05	.38 46.0			1530	820 586		2.7	
08/01/73	06S/09W-09A01 4417 5999	S	70 Z1	F C	8.2	960	24 1.24	.5 .04	207 9.00	1.2 .03	229 3.75	52 1.30	167 4.71	-- --	1.3 --			64	11.3		
05/11/73	06S/10W-11G03 5102 5868	S			8.6	389	8.0 .40	.9 .07	--	--	170 2.79	--	25 .71	.2 .00	--	--		23			
SANTIAGO HYDRO SUBAREA																					
10/18/72	Y-01.A2 05S/07W-29E01	S			7.0		141 7.04	44 3.67	--	--	425 6.97	--	67 1.89	9.9 .16	--	--		535			
04/02/73	5102 5868				7.2	524	52 2.59	29 2.38	26 1.13	1.4 .04	233 3.82	87 1.81	15 .42	2.1 .03	.09 15.0			250		0.7	
09/25/73	5134 5868				7.4	1808	137 6.84	38 3.13	--	--	0 7.20	439 86	--	39 1.10	1.6 .03	--	--	497 139			
10/18/72	05S/08W-01N01 5102 5868	S			6.9	1385	118 5.89	32 2.69	220 9.57	3.5 .09	305 5.00	527 10.97	70 1.97	.1 .00	.23 10.0			429		4.6	
04/02/73	5102 5868				7.0	1176	149 7.44	45 3.77	66 2.87	2.1 .05	236 3.87	430 8.95	35 .99	7.0 .11	.17 17.0			566		1.2	
SANTA ANA NARROWS HYDRO SUBAREA																					
10/31/72	Y-01.A3 03S/08W-31F04	S			7.7	1275	115 5.74	32 2.67	129 5.61	7.3 .19	308 5.05	251 5.23	128 3.61	5.5 .09	.28 16.0			421		2.7	
04/02/73	5102 5868				7.5	1342	118 5.89	38 3.16	--	--	271 4.44	--	116 3.27	3.8 .06	--	--		452			
07/26/73	4417 0845	70 21	F C	8.1	1260		119 5.94	40 3.32	117 5.09	5.9 .15	261 4.28	423 8.81	114 3.21	8.9 .14	--	.4 --		464		2.4	
10/31/72	03S/08W-33K02 5102 5868	S			7.6	1615	159 7.93	67 5.54	--	--	365 5.98	--	114 3.21	8.3 .13	--	--		674			
04/02/73	5102 5868				7.2	1642	161 8.03	70 5.81	126 5.48	4.0 .10	432 7.08	390 8.12	118 3.33	36.0 .58	.24 21.0			694		2.1	
10/31/72	03S/08W-34E01 5102 5868	S			7.7	1605	181 9.03	41 3.40	140 6.09	7.2 .18	388 6.36	391 8.14	145 4.09	9.8 .16	--	--		622		2.4	
04/02/73	5102 5868				7.6	1575	163 8.13	41 3.43	132 5.74	7.2 .18	347 5.69	358 7.45	146 4.12	5.8 .09	.42 20.0			577		2.4	
10/31/72	03S/08W-34G01 5102 5868	S			7.7	1385	146 7.29	32 2.63	126 5.48	6.9 .18	364 5.97	266 5.54	141 3.98	7.7 .12	.39 20.0			496		2.5	
04/02/73	03S/08W-34G99 5102 5868	S			7.5	1300	133 6.64	31 2.61	124 5.39	6.7 .17	349 5.72	224 4.66	146 4.12	8.0 .13	.54 20.0			461		2.5	
10/18/72	03S/09W-33H01 5102 5868	S			7.4	835	69 3.44	11 .98	--	--	259 4.25	--	82 2.31	.1 .00	--	--		222			
04/17/73	5102 5868				7.7	843	68 3.39	13 1.10	--	--	255 4.18	--	85 2.40	.5 .01	--	--		224			
09/25/73	5134 5868				8.0	740	63 3.14	12 1.05	--	--	0 4.03	--	77 2.17	.1 .00	--	--		211 8			



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE										MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TM NCH	SAR													
.....																														
SANTA ANA DRAINAGE PROVINCE																														
SANTA ANA RIVER HYDRO UNIT																														
LOWER SANTA ANA R HYDRO SUBUNIT																														
SANTA ANA NARROWS HYDRO SUBAREA																														
10/18/72	5102 5868		7.2 1175	126 6.29 47	24 2.00 15	110 4.79 36	7.4 .19 1	--	281 4.61 35	231 4.81 37	120 3.38 26	14.7 .24 2	.20	.5 20.0			415	2.4												
04/17/73	5102 5868		7.5 1155	122 6.09 47	25 2.08 16	107 4.65 36	7.1 .18 1	--	266 4.36 34	221 4.60 36	128 3.61 28	16.1 .26 2	.24	.5 21.0			408	2.3												
09/25/73	5134 5868		7.8 1200	128 6.39 48	25 2.11 16	104 4.52 34	7.0 .18 1	0	284 4.65 36	216 4.50 35	123 3.47 27	19.6 .32 2	.19	.5 22.0	785		425 193	2.2												
10/18/72	5102 5868	03S/09W-34M01 S	7.1 1350	146 7.29 49	25 2.06 14	126 5.48 37	7.0 .18 1	--	314 5.15 34	269 5.60 37	144 4.06 27	20.2 .33 2	.23	.5 21.0			467	2.5												
04/17/73	5102 5868		7.4 1290	131 6.54 46	27 2.25 16	122 5.31 37	6.7 .17 1	--	308 5.05 36	234 4.87 35	136 3.84 27	17.1 .28 2	.28	.5 22.0			443	2.5												
09/25/73	5134 5868		7.6 1300	130 6.49	29 2.39	--	--	0	316 5.18 55	--	137 3.86 41	18.3 .30 3	--	--			444 185													
10/31/72	5102 5868	04S/09W-01C01 S	7.7 1595	186 9.28	39 3.22	--	--	--	321 5.26	--	169 4.77	6.0 .10	--	--			626													
MIDDLE SANTA ANA RIV HYDR SUBUNIT																														
CHINO HYDRO SUBAREA																														
10/03/72	5101 5101	Y-01.B Y-01.81 01N/06W-25K01 S	7.8 330	96 4.79 82	9.1 .75 13	6.0 .26 4	2.2 .06 1	0	160 2.62 78	22 .46 14	7.8 .22 7	4.8 .08 2	.04	.3	163 227	153 146	0.2	TC S												
04/09/73	5101 5101	01S/05W-06D01 S	8.0 350	43 2.15 68	8.8 .72 22	8.0 .35 11	2.0 .05 2	0	155 2.54 77	23 .48 15	6.0 .17 5	7.0 .11 3	.01	.4	189 174	142 17	0.3													
11/22/72	5101 5101	01S/05W-07N01 S	8.1 367	48 2.40 66	9.2 .76 21	9.1 .40 11	2.2 .06 2	0	172 2.82 79	25 .52 15	5.9 .17 5	4.5 .07 2	.04	.4	264 189	158 17	0.3	E T												
04/09/73	5101 5101		7.8 347	44 2.20 68	7.8 .64 20	8.3 .36 11	2.0 .05 2	0	153 2.51 74	26 .54 16	7.0 .20 6	7.3 .12 4	.02	.4	185 178	142 17	0.3													
11/22/72	5101 5101	01S/05W-15G01 S	7.8 376	47 2.35 61	11 .90 23	12 .52 14	2.4 .06 2	0	194 3.18 85	19 .40 11	5.9 .17 5	.3 .00	.01	.4	249 193	163 4	0.4	T												
04/09/73	5101 5101		7.8 386	52 2.59 80	1.2 .10 3	11 .48 15	2.3 .06 2	0	199 3.26 80	26 .54 13	7.0 .20 5	6.1 .10 2	.00	.2	285 203	173 0	0.4	E T S												
11/29/72	5101 5101	01S/05W-20D01 S	7.1 487	71 3.54 72	7.0 .58 12	18 .78 16	2.0 .05 1	0	177 2.90 60	18 .37 8	26 .73 15	53.0 .85 18	.00	.2	357 282	205 61	0.5	E T												
11/22/72	5101 5101	01S/05W-21B01 S	8.0 518	71 3.54 73	6.4 .53 11	17 .74 15	2.4 .06 1	0	189 3.10 62	33 .69 14	16 .45 9	45.0 .73 15	.00	.0	337 284	204 49	0.5													
04/17/73	5101 5101		8.0 505	71 3.54 72	6.7 .55 11	17 .74 15	2.4 .06 1	0	192 3.15 65	32 .67 14	15 .42 8	39.0 .63 13	.00	.2	225 278	204 47	0.5	T												
11/21/72	5101 5101	01S/05W-21D01 S	7.9 434	62 3.09 72	6.2 .51 12	15 .65 15	2.3 .06 1	0	182 2.98 69	18 .37 9	18 .51 12	28.0 .45 10	.00	.3	291 239	148 31	0.5													
04/09/73	5101 5101		7.5 428	59 2.94 70	7.2 .59 14	15 .65 15	2.1 .05 1	0	182 2.98 69	20 .42 10	18 .51 12	24.0 .39 9	.02	.2	292 235	173 28	0.5													
04/09/73	5101 5101	01S/05W-33A02 S	7.5 516	43 2.15 43	14 1.15 23	37 1.61 32	2.8 .07 1	0	162 2.66 52	18 .37 7	49 1.38 27	42.0 .68 13	.02	.4	347 285	163 32	1.3													
04/09/73	5101 5101	01S/05W-34B02 S	7.2 331	47 2.35 68	6.7 .55 16	12 .52 15	1.6 .04 1	0	172 2.82 80	.15 .31 9	8.0 .23 7	9.2 .15 4	1.01	.2	263 185	142 4	0.4	E T												
04/09/73	5101 5101	01S/05W-34D01 S	7.6 349	47 2.35 69	6.7 .55 16	11 .48 14	1.6 .04 1	0	167 2.74 79	16 .33 10	8.0 .23 7	9.4 .15 4	.00	.2	255 182	140 8	0.4	E T												

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS SUM	TH NCH	SAR	REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	SIO2				
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																			
10/03/72	Y-01 Y-01.8 Y-01.81 01S/06W-11B01	S			53	8.1	10	1.4	0	208	4.6	13	10.5	.00	.3	183	165		
	5101		7.9 378	2.64 69	.67 18	.45 12	.04 1	.00	3.28 84	.10 3	.37 9	.17 4	--	199	2	0.3			
03/29/73	5101				47	10	8.8	2.0	0	165	25	8.0	5.4	.03	.4	212	157		
	5101		8.0 340	2.35 65	.82 23	.38 11	.05 1	.00	2.70 76	.52 15	.23 8	.09 3	--	187	24	0.3			
10/03/72	01S/06W-11N01	S			49	8.8	7.9	1.8	0	186	12	7.8	7.6	.02	.3	165	159		
	5101		7.7 352	2.45 69	.72 20	.34 10	.05 1	.00	3.05 84	.25 7	.22 6	.12 3	--	186	6	0.3			
10/03/72	01S/06W-12P02	S			47	8.6	6.4	1.9	0	165	17	6.9	5.3	.01	.5	141	154		
	5101		7.9 334	2.35 69	.71 21	.28 8	.05 1	.00	2.70 81	.35 11	.19 6	.09 3	--	174	18	0.2		T	
03/29/73	5101				42	8.3	8.0	2.0	0	148	24	7.0	8.5	.00	.4	209	136		
	5101		7.9 318	2.10 86	.68 21	.35 11	.05 2	.00	2.43 74	.50 15	.20 6	.14 4	--	173	18	0.3			
10/03/72	01S/06W-16L01	S			45	13	27	3.2	0	148	37	42	1.1	.07	.4	240	165		
	5101		6.9 458	2.25 49	1.07 23	1.17 26	.08 2	.00	2.43 55	.77 18	1.18 27	.02	--	241	45	0.9			
04/09/73	01S/06W-19A01	S			46	7.8	8.7	2.4	0	153	28	8.0	9.8	.03	.4	209	142		
	5101		7.5 341	2.30 68	.64 19	.38 11	.06 2	.00	2.51 72	.58 17	.23 7	.16 5	--	186	22	0.3			
03/29/73	01S/06W-25K01	S			42	9.8	8.8	2.2	0	150	28	7.0	10.0	.12	.4	246	142		E
	5101		7.6 337	2.10 63	.81 24	.38 11	.06 2	.00	2.46 72	.58 17	.20 6	.16 5	--	182	23	0.3		T	
10/03/72	01S/06W-32E01	S			66	8.2	11	2.2	0	189	6.6	40	21.0	.00	.2	220	199		
	5101		7.7 484	3.29 73	.67 15	.50 11	.06 1	.00	3.10 66	.14 3	1.13 24	.34 7	--	248	43	0.4			
03/29/73	5101				64	7.8	22	2.1	0	189	11	43	22.0	.00	.2	337	185		
	5101		7.9 491	3.19 86	.64 13	.96 20	.05 1	.00	3.10 63	.23 5	1.21 25	.35 7	--	265	37	0.7		T	
10/03/72	01S/07W-08N01	S			52	8.8	12	1.3	0	181	9.0	13	16.0	.03	.3	134	167		
	5101		7.5 366	2.59 67	.72 19	.54 14	.03 1	.00	2.97 78	.19 5	.37 10	.26 7	--	202	17	0.4		T	
03/29/73	5101				50	7.6	13	1.4	0	179	8.7	9.0	17.0	.00	.3	228	155		
	5101		7.5 372	2.50 67	.63 17	.57 15	.04 1	.00	2.93 81	.18 5	.25 7	.27 7	--	195	10	0.5			
10/03/72	01S/07W-17E01	S			51	10	13	1.5	0	179	18	8.8	15.0	.02	.3	218	169		
	5101		7.7 380	2.54 64	.82 21	.57 14	.04 1	.00	2.93 77	.37 10	.25 7	.24 6	--	205	22	0.4			
03/29/73	5101				11	14	1.5	0	184	16	12	15.0	.00	.3	213	163			
	5101		7.5 372	2.40 61	.90 23	.61 15	.04 1	.00	3.02 77	.33 8	.34 9	.24 6	--	208	14	0.5			
10/03/72	01S/07W-21D01	S			35	8.4	14	1.5	0	162	13	6.9	6.2	.00	.3	163	121		
	5101		7.7 334	1.75 57	.69 22	.61 20	.04 1	.00	2.66 83	.27 8	.19 8	.10 3	--	165	8	0.6			
06/11/73	5101				35	8.6	22	1.5	0	167	18	9.0	7.8	.03	.3	163	123		
	5101		7.6 355	1.75 51	.71 21	.96 28	.04 1	.00	2.74 79	.37 11	.25 7	.13 4	--	144	0	0.9			
10/03/72	01S/07W-24E01	S			40	8.0	18	1.6	0	184	1.3	5.9	2.1	.00	.1	150	133		
	5101		7.9 324	2.00 63	.66 21	.47 15	.04 1	.00	3.02 93	.03 1	.17 5	.03 1	--	160	0	0.4			
03/29/73	5101				38	5.7	20	1.8	0	179	11	8.0	1.9	.02	.0	210	115		
	5101		8.0 321	1.90 58	.47 14	.87 26	.05 2	.00	2.93 86	.23 7	.23 7	.03 1	--	174	0	0.8			
10/03/72	01S/07W-30D01	S			43	12	11	1.7	0	191	1.6	9.8	19.0	.03	.2	179	156		
	5101		7.8 382	2.15 59	.99 27	.48 13	.04 1	.00	3.13 83	.03 1	.28 7	.31 8	--	192	1	0.4			
03/29/73	5101				16	9.8	21	1.5	0	170	18	11	8.5	.00	.3	226	126		
	5101		7.9 349	1.80 51	.81 23	.91 26	.04 1	.00	2.79 77	.37 10	.31 9	.14 4	--	189	0	0.8			
08/01/73	01S/08W-10N07	S			69	5.0	40	2.0	0	153	28	11	11.6	.00	.4	95			
	1320	F	21 C 8.1 312	1.50 41	.41 11	1.74 47	.05 1	.00	2.51 70	.58 16	.31 8	.19 5	--	203	0	1.8			

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																			
10/03/72	5101 5101				67 3.34 64	15 1.23 24	14 .61 12	2.0 .05 1	0 .00	177 2.90 55	.42 .87 17	12 .34 6	70.0 1.13 22	.04 --	.4 --	336 309	231 84	0.4	
03/29/73	5101 5101				44 2.20 61	6.5 .53 15	19 .83 23	1.8 .05 1	0 .00	179 2.93 79	15 .31 8	7.0 .20 5	16.0 .26 7	.02 --	.2 --	209 197	136 0	0.7	
09/19/73	1101 0915				57 2.84 64	11 .90 20	15 .65 15	2.0 .05 1	0 .00	186 3.05 68	25 .52 12	13 .37 8	33.0 .53 12	.00 --	.1 .0	247	187 35	0.5	
9/18/72	1101 1230				50 2.50 65	8.0 .66 17	15 .65 17	1.0 .03 1	0 .00	175 2.87 74	22 .46 12	8.0 .23 6	20.1 .32 8	.00 --	--	210	157 15	0.5	
08/01/73	1101 1101				53 2.64 65	9.0 .74 18	15 .65 16	2.0 .05 1	0 .00	177 2.90 68	30 .62 14	13 .37 9	24.2 .39 9	.00 --	.5 .0	233	169 24	0.5	
08/01/73	1101 1510				73 3.64 66	12 .99 18	19 .83 15	2.0 .05 1	0 .00	221 3.62 64	52 1.08 19	17 .48 8	29.0 .47 8	.00 --	.9 .0	313	231 51	0.5	
08/01/73	1101 1101				64 3.19 64	13 1.07 22	15 .65 13	2.0 .05 1	0 .00	210 3.44 68	41 .85 17	16 .45 9	18.1 .29 6	.00 --	.6 .0	272	213 41	0.4	
10/03/72	5101 5101				56 2.79 63	16 1.32 30	6.0 .26 6	1.4 .04 1	0 .00	189 3.10 69	20 .42 9	12 .34 8	40.0 .65 14	.03 --	.3 --	179 244	207 51	0.2	
03/29/73	5101 5101				64 3.19 68	12 .99 21	10 .44 9	1.6 .04 1	0 .00	189 3.10 67	17 .35 8	14 .39 8	49.0 .79 17	.00 --	.3 --	272 261	208 54	0.3	
10/05/72	5101 5101				177 8.83 41	66 5.43 25	164 7.13 33	5.2 .13 3	0 .00	419 6.87 32	288 6.00 28	230 6.49 31	112 1.81 9	.13 --	.5 --	1304 1248	713 370	2.7	
03/05/73	5101 5101				182 9.08 41	71 5.84 26	171 7.44 33	2.1 .05 3	0 .00	427 7.00 31	320 6.66 30	234 6.60 29	134 2.16 10	.09 --	.5 --	1502 1324	744 396	2.7	
05/16/73	5103 1050				184 9.18 41	69 5.67 26	166 7.22 33	3.9 .10 3	0 .00	436 7.15 33	299 6.23 28	228 6.43 29	127 2.05 9	.09 --	.6 --	1333 1291	743 385	2.6	
10/05/72	5101 5101				159 7.93 37	59 4.85 23	195 8.48 40	3.1 .08 3	0 .00	400 6.56 34	209 4.35 23	186 5.25 27	185 2.98 16	.04 --	.5 --	1202 1193	640 311	3.4	
03/05/73	5101 5101				125 6.24 29	90 7.40 35	174 7.57 36	3.3 .08 3	0 .00	359 5.88 27	342 7.12 33	220 6.20 29	148 2.39 11	.00 --	.5 --	1292 1279	682 388	2.9	
10/02/72	5088 4790				264 13.17 52	101 8.31 33	88 3.83 15	2.0 .05 3	0 .00	232 3.80 15	400 8.33 33	278 7.84 31	320 5.16 21	.10 --	.6 --	1955 1567	1080 885	1.2	
12/04/72	5088 4790				232 11.58 50	96 7.90 34	83 3.61 16	3.0 .08 3	0 .00	207 3.39 14	460 9.58 39	230 6.49 27	300 4.84 20	.10 --	.6 --	1865 1506	980 805	1.2	
10/05/72	5101 5101				39 1.95 56	7.6 .63 18	20 .87 25	2.5 .06 2	0 .00	167 2.74 79	16 .33 10	9.8 .28 8	7.0 .11 3	.00 --	.2 --	190 184	127 0	0.8	
05/16/73	5103 1115				39 1.95 58	6.4 .53 16	19 .83 25	2.0 .05 1	0 .00	168 2.75 81	14 .29 9	9.0 .25 7	6.2 .10 3	.00 --	.1 --	218 178	124 0	0.7	
10/05/72	5101 5101				84 4.19 35	52 4.28 35	83 3.61 30	2.4 .06 3	0 .00	320 5.24 43	100 2.08 37	137 3.86 31	70.0 1.13 9	.13 --	.5 --	702 686	421 162	1.8	
03/05/73	5101 5101				82 4.09 34	54 4.44 37	82 3.57 29	2.1 .05 3	0 .00	330 5.41 44	101 2.10 17	135 3.81 31	68.0 1.10 9	.12 --	.4 --	794 686	426 156	1.7	
12/04/72	5088 4790				96 4.79 39	48 3.95 32	79 3.44 28	3.0 .08 1	0 .00	372 6.10 48	132 2.75 22	128 3.61 29	10.0 .16 1	.10 --	.4 --	679	440 132	1.6	
10/05/72	5101 5101				81 4.04 35	38 3.13 27	98 4.26 37	2.9 .07 1	0 .00	334 5.47 47	139 2.89 25	93 2.62 22	45.0 .73 6	.04 --	.8 --	660 661	360 85	2.3	
03/05/73	5101 5101				94 4.69 37	42 3.45 27	105 4.57 36	1.5 .04 3	0 .00	380 6.23 48	142 2.96 23	105 2.96 23	47.0 .76 6	.06 --	.6 --	784 723	404 96	2.3	

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER WILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS	TH	SAR		
	Y																		
	Y-01																		
	Y-01.B																		
	Y-01.B1																		
	02S/06W-14K01	S																	
05/16/73	5103	70	F		102	47	110	2.4	0	399	150	123	30.0	.06	.5	842	448		
1010	5050	21	C	7.9	1292	5.09	3.87	4.79	.06	.00	6.54	3.12	3.47	.61	--	769	121	2.3	
					37	28	35			48	23	25	4						
	02S/06W-17N01	S																	
05/16/73	5103	68	F		62	6.2	24	2.0	0	188	34	22	22.5	.00	.1	311	180		
0855	5050	20	C	7.8	458	3.09	.51	1.04	.05	.00	3.08	.71	.62	.34	--	265	26	0.8	
					66	11	22	1		85	15	13	8						
	02S/06W-21Q01	S																	
05/16/73	5103	71	F		128	16	54	3.3	0	254	91	133	21.0	.00	.1	699	386		
0920	5050	22	C	7.9	1009	6.39	1.32	2.35	.08	.00	4.16	1.89	3.75	.34	--	571	178	1.2	
					63	13	23	1		41	19	37	3						
	02S/06W-29P01	S																	
05/16/73	5103	66	F		144	32	140	5.8	0	410	153	180	67.0	.46	.4	1021	491		
0825	5050	19	C	7.8	1550	7.19	2.63	6.09	.15	.00	6.72	3.19	5.08	1.08	--	924	155	2.7	
					45	16	38	1		42	20	32	7						
	02S/06W-30Q01	S																	
10/05/72	5101				189	14	94	3.9	0	344	191	162	31.0	.23	.2	943	532		
	5101			8.1	1473	9.43	1.15	4.09	.10	.00	5.64	3.98	4.57	.50	--	854	247	1.8	
					64	8	28	1		38	27	31	3						
	03/05/73	5101			183	12	94	3.8	0	356	176	175	27.0	.13	.2	886	504		
	5101			7.4	1403	9.13	.99	4.09	.10	.00	5.83	3.66	4.94	.44	--	846	215	1.8	
					64	7	29	1		39	25	33	3						
	02S/06W-31C01	S																	
03/05/73	5101				201	2.9	56	3.4	0	250	173	160	50.0	.00	.2	930	513		
	5101			7.5	1393	10.03	.24	2.44	.09	.00	4.10	3.60	4.51	.81	--	769	309	1.1	
					78	2	19	1		31	28	35	6						
	02S/06W-31D02	S																	
10/05/72	5101				172	20	72	4.8	0	332	161	142	46.0	.03	.4	839	509		
	5101			7.5	1364	8.58	1.64	3.13	.12	.00	5.44	3.35	4.00	.74	--	781	239	1.4	
					64	12	23	1		40	25	30	5						
	02S/07W-04B01	S																	
10/04/72	5101				41	13	16	1.2	0	186	12	11	11.0	.00	.3	208	155		
	5101			7.8	375	2.05	1.07	.70	.03	.00	3.05	.25	.31	.18	--	197	4	0.6	
					53	28	18	1		80	7	8	5						
	03/09/73	5101			44	11	18	1.6	0	187	12	11	12.0	.00	.2	212	152		
	5101			7.7	395	2.20	.90	.78	.04	.00	3.06	.25	.31	.19	--	202	2	0.6	
					56	23	20	1		80	7	8	5						
	02S/07W-06J02	S																	
03/09/73	5101				55	13	17	1.9	0	192	22	16	43.0	.00	.3	312	190		
	5101			7.6	483	2.74	1.07	.74	.05	.00	3.15	.46	.45	.69	--	262	33	0.5	
					60	23	16	1		66	18	9	15						
	02S/07W-10M01	S																	
10/06/72	5101				131	36	31	2.0	0	325	72	99	87.0	.00	.4	610	475		
	5101			7.8	1050	6.54	2.96	1.35	.05	.00	5.33	1.50	2.79	1.40	--	618	209	0.6	
					60	27	12			48	14	25	13						
	03/09/73	5101			133	35	31	2.2	0	330	77	102	81.0	.02	.3	691	476		
	5101			7.6	1098	6.64	2.88	1.35	.06	.00	5.41	1.60	2.88	1.31	--	623	206	0.6	
					61	26	12	1		48	14	26	12						
	06/13/73	5101			134	34	31	2.1	0	330	78	98	83.0	.04	.2	636	476		
	5101			7.8	1042	6.69	2.80	1.35	.05	.00	5.41	1.62	2.76	1.34	--	622	204	0.6	
					61	26	12			49	15	25	12						
	02S/07W-11D01	S																	
10/06/72	5101				117	20	36	2.2	0	334	51	65	65.0	.22	.3	535	374		
	5101			7.9	917	5.84	1.64	1.57	.06	.00	5.47	1.06	1.83	1.05	--	521	101	0.8	
					64	18	17	1		58	11	19	11						
	03/09/73	5101			112	27	38	2.3	0	332	53	66	62.0	.33	.2	573	389		
	5101			7.5	917	5.59	2.22	1.65	.06	.00	5.44	1.10	1.86	1.00	--	524	119	0.8	
					59	23	17	1		58	12	20	11						
	02S/07W-15A02	S																	
10/06/72	5101				106	28	29	2.0	0	272	52	53	114	.38	.3	636	379		
	5101			8.0	893	5.29	2.30	1.26	.05	.00	4.46	1.08	1.49	1.84	--	518	157	0.6	
					59	26	14	1		50	12	17	21						
	03/09/73	5101			91	28	26	1.9	0	235	55	52	98.0	.00	.2	479	342		
	5101			7.5	824	4.54	2.30	1.13	.05	.00	3.85	1.15	1.47	1.58	--	467	150	0.6	
					57	29	14	1		48	14	18	20						
	06/13/73	5101			112	29	28	2.2	0	272	58	59	118	.03	.2	524	398		
	5101			7.8	901	5.59	2.38	1.22	.06	.00	4.46	1.21	1.66	1.90	--	540	176	0.6	
					60	26	13	1		48	13	18	21						
	02S/07W-15Q01	S																	
10/06/72	5101				111	27	45	2.6	0	412	25	78	21.0	.30	.2	840	389		
	5101			7.4	968	5.54	2.22	1.96	.07	.00	6.75	.52	2.20	.34	--	512	51	1.0	
					57	23	20	1		69	5	22	3						
	03/09/73	5101			76	29	37	2.1	0	334	20	59	6.6	.06	.1	442	309		
	5101			7.3	725	3.79	2.38	1.61	.05	.00	5.47	.42	1.66	.11	--	394	35	0.9	
					48	30	21	1		71	5	22	1						
	06/13/73	5101			85	19	34	2.2	0	330	18	49	20.0	.03	.1	402	290		
	5101			7.2	687	4.24	1.56	1.48	.06	.00	5.41	.37	1.38	.32	--	389	28	0.9	
					58	21	20	1		72	5	18	4						

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR			
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																				
10/04/72	5101				131	24	29	17	0	325	64	44	132	.00	.5	599	427			
	5101		7.5	1010	6.54 64	1.97 19	1.26 12	.43 4	.00	5.33 53	1.33 13	1.24 12	2.13 21		--	601	159	0.6		
03/09/73	5101		7.8	877	114 63	27 24	26 12	2.4 1	0	305 55	63 14	40 12	103 18	.00	.2	521	393	0.6		
10/04/72	5101				86	30	23	1.8	0	259	37	36	93.0	.00	.8	463	340			
	5101		8.0	758	4.29 55	2.47 32	1.00 13	.05 1	.00	4.25 56	.77 10	1.02 14	1.50 20		--	434	126	0.5		
03/09/73	5101		7.4	709	93 61	22 24	25 14	2.3 1	0	300 65	38 10	37 14	52.0 11	.04	.2	445	323	0.6		
10/06/72	5101				104	13	33	2.5	0	322	48	42	16.0	.30	.2	579	313			
	5101		7.9	855	5.19 67	1.07 14	1.44 19	.06 1	.00	5.28 68	1.00 13	1.18 15	.26 3		--	417	49	0.8	T	
03/09/73	5101		7.6	755	90 58	22 23	32 18	2.3 1	0	281 60	41 11	40 15	66.0 14	.00	.2	481	313	0.8		
10/06/72	5101				50	12	19	1.9	0	220	6.6	17	1.5	.03	.5	297	171			
	5101		7.9	438	2.50 57	.99 23	.83 19	.05 1	.00	3.61 85	.14 3	.48 11	.02		--	216	0	0.6	T	
03/09/73	5101		7.5	453	53 26	11 40	20 27	1.7 1	0	220 81	9.4 4	18 11	9.8 4	.00	.2	298	175	0.7	T	
05/15/73	5103				60	15	25	1.6	0	232	19	23	29.6	.00	.3	243	210			
	1420	5050	68 F 20 C	7.7	515	2.99 56	1.23 23	1.09 20	.04 1	.00	3.80 71	.40 8	.65 12	.48 9		--	287	21	0.7	
10/06/72	5101				106	25	31	1.9	0	325	56	41	76.0	.05	.2	517	366			
	5101		8.0	863	5.29 60	2.06 24	1.35 15	.05 1	.00	5.33 60	1.17 13	1.16 13	1.23 14		--	497	101	0.7		
03/09/73	5101		7.5	787	93 58	24 25	30 16	1.8 1	0	305 62	48 12	38 13	61.0 12	.00	.2	494	330	0.7		
10/06/72	5101				92	40	65	2.8	0	339	64	69	103	.60	.4	715	392			
	5101		7.6	1034	4.59 43	3.29 31	2.83 26	.07 1	.00	5.56 53	1.33 13	1.95 19	1.66 16		--	603	116	1.4		
03/09/73	5101		7.5	1168	135 55	36 24	59 21	2.4 1	0	497 85	60 10	63 14	83.0 11	.04	.2	691	486	1.2		
10/04/72	5101				119	18	87	1.9	0	466	119	70	46.0	.18	.5	763	447			
	5101		7.4	1218	7.44 58	1.48 12	3.78 30	.05 1	.00	7.64 60	2.48 19	1.97 15	.74 6		--	720	64	1.8		
03/09/73	5101		7.5	1172	134 54	25 17	82 29	1.7 1	0	441 57	124 20	74 17	43.0 5	.17	.5	767	436	1.7		
10/06/72	5101				96	14	72	3.2	0	305	99	51	47.0	.06	.4	545	299			
	5101		7.8	906	4.79 52	1.15 13	3.13 34	.08 1	.00	5.00 54	2.06 22	1.44 16	.76 8		--	532	47	1.8		
03/05/73	5101		6.9	876	93 52	14 13	69 34	3.5 1	0	300 54	131 30	50 16	2.0 16	.00	.2	595	288	1.8		
10/06/72	5101				16	4.1	52	2.7	0	138	22	15	12.0	.34	.5	193	56			
	5101		7.8	366	.80 23	.34 10	2.26 65	.07 2	.00	2.26 68	.46 14	.42 13	.19 6		--	192	0	3.0		
03/05/73	5101				214	151	128	3.6	0	467	729	180	76.0	.00	.5	1829	1154			
	5101				2404	10.68 37	12.42 43	5.57 19	.09 1	.00	7.65 26	15.18 52	5.08 17	1.23 4		--	1711	773	1.6	E
05/15/73	5103		68 F 20 C	7.5	2377	272 52	86 27	123 21	3.4 1	0	305 19	708 57	170 19	73.6 5	.02	.5	1659	1035	1.7	
10/05/72	5101				120	22	89	3.0	0	412	65	89	62.0	.08	.2	691	389			
	5101		7.8	1159	5.99 51	1.81 15	3.87 33	.08 1	.00	6.75 58	1.35 12	2.51 22	1.00 9		--	653	53	2.0		
03/05/73	5101		7.3	1202	116 47	29 19	92 33	3.2 1	0	441 57	70 12	100 22	72.0 9	.00	.2	799	407	2.0		

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR				
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																					
10/05/72	Y Y-01 Y-01.B Y-01.B1 02S/07W-36M02	5101	S	8.1	853	98 4.89 59	14 1.15 14	50 2.18 26	2.2 .06 1	0 .00	317 5.28 63	46 .96 12	59 1.66 20	30.0 .48 6	.03 --	.1 --	472 455	302 42	1.3		
03/05/73	5101	5101		7.6	774	54 2.69 36	30 2.47 33	54 2.35 31	2.1 .05 1	0 .00	295 4.84 63	41 .85 11	54 1.52 20	30.0 .48 6	.00 --	.2 --	475 410	256 16	1.5		
10/04/72	02S/08W-14H01	5101	S	8.0	361	42 2.10 58	6.7 .55 15	21 .91 25	1.9 .05 1	0 .00	162 2.66 72	24 .50 14	9.8 .28 8	16.2 .26 7	.02 --	.3 --	214 201	133 0	0.8		
03/09/73	5101	5101		7.7	380	38 1.90 51	9.2 .76 20	24 1.04 28	1.6 .04 1	0 .00	167 2.74 75	20 .42 12	8.0 .23 6	16.0 .26 7	.05 --	.2 --	230 199	132 0	0.9		
10/04/72	02S/08W-15F01	5101	S	7.6	518	70 3.49 65	13 1.07 20	17 .74 14	2.7 .07 1	0 .00	198 3.25 59	83 1.73 32	14 .39 7	6.6 .11 2	.02 --	.3 --	338 304	230 66	0.5		
10/04/72	02S/08W-15F02	5101	S	7.6	468	62 3.09 64	12 .99 21	16 .70 15	1.3 .03 1	0 .00	207 3.39 70	44 .92 19	12 .34 7	12.0 .19 4	.00 --	.3 --	240 261	204 35	0.5		
10/04/72	02S/08W-15K01	5101	S	7.5	1353	171 8.53 56	44 3.62 24	72 3.13 20	1.7 .04 1	0 .00	431 7.06 46	354 7.37 48	34 .96 6	1.4 .02 6	.00 --	.4 --	956 890	610 255	1.3	E	
03/09/73	5101	5101		7.4	1250	162 8.08 57	30 2.47 17	81 3.52 25	2.5 .06 1	0 .00	373 6.11 42	350 7.29 51	36 1.02 7	.0 .00	.09 --	.3 --	933 845	527 222	1.5	E	
10/04/72	02S/08W-25L01	5101	S	7.9	928	132 6.59 69	15 1.23 13	38 1.65 17	3.2 .08 1	0 .00	278 4.56 48	131 2.73 29	30 .85 9	84.0 1.35 14	.15 --	.2 --	646 570	390 163	0.8		
03/09/73	5101	5101		7.6	1106	126 6.29 55	33 2.71 24	56 2.44 21	2.4 .06 1	0 .00	380 6.23 53	165 3.44 29	44 1.24 11	50.0 .81 7	.18 --	.2 --	764 663	447 139	1.1		
10/04/72	02S/08W-25M01	5101	S	7.6	702	82 4.09 56	25 2.06 28	25 1.09 15	1.9 .05 1	0 .00	257 4.21 52	55 1.15 14	50 1.41 17	81.0 1.31 16	.09 --	.5 --	420 446	309 97	0.6	S	
03/09/73	5101	5101		7.7	704	56 2.79 40	35 2.88 41	29 1.26 18	2.0 .05 1	0 .00	257 4.21 59	58 1.21 17	47 1.33 19	21.0 .34 5	.00 --	.3 --	459 374	282 73	0.7		
03/09/73	02S/08W-26K01	5101	S	7.6	1025	96 4.79 44	42 3.45 32	58 2.52 23	2.1 .05 1	0 .00	320 5.24 48	210 4.37 40	46 1.30 12	7.5 .12 1	.09 --	.3 --	683 619	411 150	1.2		
10/04/72	02S/08W-26L01	5101	S	7.2	1361	180 8.98 58	43 3.54 23	67 2.91 19	2.5 .06 1	0 .00	443 7.26 48	278 5.79 38	65 1.83 12	17.0 .27 2	.11 --	.9 --	937 878	627 263	1.2		
03/09/73	5101	5101		7.8	981	98 4.89 47	37 3.04 29	56 2.44 24	-- .00	0 .00	334 5.47 51	186 3.87 36	39 1.10 10	13.0 .21 2	.06 --	.4 --	677 593	398 123	1.2		
10/05/72	03S/07W-03A03	5101	S	7.7	1126	145 7.24 60	33 2.71 22	47 2.04 17	3.6 .09 1	0 .00	390 6.39 53	129 2.69 22	73 2.06 17	62.0 1.00 8	.00 --	.3 --	672 684	497 178	0.9		
03/05/73	5101	5101		7.6	1161	124 6.19 53	26 2.14 18	76 3.31 28	3.7 .09 1	0 .00	349 5.72 49	135 2.81 24	78 2.20 19	66.0 1.06 9	.00 --	.2 --	765 680	416 131	1.6		
10/05/72	03S/07W-03N01	5101	S	7.7	1074	125 6.24 59	26 2.14 20	50 2.18 20	3.4 .09 1	0 .00	354 5.80 54	99 2.06 19	80 2.26 21	44.0 .71 7	.02 --	.2 --	619 601	417 129	1.1		
05/15/73	5103 1200	5050	70 F 21 C	7.8	971	117 5.84 58	28 2.30 23	43 1.87 19	2.7 .07 1	0 .00	363 5.95 59	84 1.75 17	67 1.89 19	34.0 .55 5	.00 --	.1 --	643 554	407 110	0.9		
10/05/72	03S/07W-03R02	5101	S	7.7	898	102 5.09 55	23 1.89 21	49 2.13 23	3.1 .08 1	0 .00	337 5.52 59	64 1.33 14	67 1.89 20	41.0 .66 7	.02 --	.4 --	584 515	351 73	1.1		
03/05/73	5101	5101		7.3	929	93 4.64 50	31 2.55 27	49 2.13 23	1.8 .05 1	0 .00	339 5.56 59	63 1.31 14	64 1.80 19	44.0 .71 8	.01 --	.2 --	587 512	356 112	1.1		
10/05/72	03S/07W-04A02	5101	S	7.9	909	114 5.69 60	19 1.56 16	49 2.13 23	3.3 .08 1	0 .00	330 5.41 55	120 2.50 26	44 1.24 13	38.0 .61 6	.01 --	.3 --	556 550	362 92	1.1		
03/05/73	5101	5101		7.3	945	118 5.89 60	20 1.64 17	51 2.22 23	2.8 .07 1	0 .00	332 5.44 55	117 2.44 25	50 1.41 14	40.0 .65 7	.00 --	.3 --	649 582	373 105	1.1		

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

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TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR			
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																					
10/05/72	Y-01 Y-01.8 Y-01.81 03S/07W-04D01	S			62 7.5	6.5 676	66 3.09	1.9 2.87	0 .05	207 3.39	59 1.23	52 1.47	36.0 .58	.08 --	.6 --	395 385	182 12	2.1			
03/05/73	5101 5101		7.2	739	36.88 91	7.0 1	68 2.96	2.8 .07	0 .00	228 3.74	60 1.25	53 1.49	48.0 .77	.02 --	.3 --	498 1090	200 1687	0.7	TC S		
10/05/72	03S/07W-04H01 5101 5101	S	8.0	1908	10.78 55	42 3.45	124 5.39	4.0 .10	0 .00	519 8.51	185 3.85	191 5.39	108 1.74	.11 --	.2 --	1193 1125	711 286	2.0			
03/05/73	5101 5101		7.1	1880	11.18 55	47 3.87	118 5.13	4.4 .11	0 .00	555 9.10	186 3.87	200 5.64	103 1.66	.01 --	.3 --	1268 1155	748 298	1.9			
05/15/73	5875 1250 5050	68 F 20 C	7.9	1855	9.28 49	53 4.36	118 5.13	3.6 .09	0 .00	463 7.59	189 3.93	190 5.36	122 1.98	.07 --	.1 --	1168 1090	682 303	2.0			
10/05/72	03S/07W-10C01 5101 5101	S	8.2	854	3.84 57	17 1.40	34 1.48	2.0 .05	0 .00	276 4.92	44 .92	37 1.04	22.0 .35	.03 --	.1 --	390 369	262 36	0.9			
03/05/73	5101 5101		7.6	718	4.14 58	16 1.32	38 1.65	2.0 .05	0 .00	276 4.52	41 .85	43 1.21	25.0 .40	.00 --	.3 --	422 384	272 47	1.0			
HARRISON HYDRO SUBAREA																					
08/10/73	Y-01.82 01S/08W-16B01 1101 1000 1101	S	8.0	432	1.40 33	4.0 .33	56 2.44	2.0 .05	0 .00	119 1.95	36 .75	34 .96	36.1 .58	.00 --	.2 .0		255	86 0	2.6		
CLAREMONT HEIGHTS HYDRO SUBAREA																					
10/04/72	Y-01.83 01N/08W-24L01 5101 5101	S	7.5	598	3.89 66	17 1.40	12 .52	1.7 .04	0 .00	288 4.59	35 .73	8.8 .25	17.0 .27	.00 --	.3 --	298 307	266 35	0.3			
08/09/73	01S/08W-03A01 1101 1620 1101	71 F 22 C	8.0	408	3.04 66	61 1.23	15 1.23	7.0 .30	2.0 .05	0 .00	222 3.64	27 .56	7.0 .20	11.1 .18	.00 --	.4 .0	239	214 32	0.2		
08/09/73	01S/08W-03F03 1101 1600 1101	65 F 18 C	8.0	405	2.54 59	6.0 .49	28 1.22	2.0 .05	0 .00	181 2.97	35 .73	11 .31	27.1 .44	.00 --	.6 .0	249	152 3	1.0			
CUCAMONGA HYDRO SUBAREA																					
03/29/73	Y-01.84 01N/07W-27Q01 5101 5101	S	7.9	334	2.10 60	9.3 .76	13 .57	1.8 .05	0 .00	160 2.62	23 .48	9.0 .25	9.1 .15	.08 --	.3 --	224 186	140 12	0.5			
10/04/72	01S/07W-04B02 5101 5101	S	7.8	340	1.95 57	9.3 .76	15 .65	1.8 .05	0 .00	158 2.59	24 .50	6.9 .19	9.7 .16	.02 --	.4 --	197 183	136 6	0.6			
03/29/73	5101 5101		7.6	329	1.90 59	7.1 .58	16 .70	1.8 .05	0 .00	162 2.66	13 .27	6.0 .17	6.7 .11	.00 --	.3 --	197 168	124 0	0.6			
10/04/72	01S/07W-04B03 5101 5101	S	7.9	430	2.64 63	9.7 .80	16 .71	2.0 .05	0 .00	153 2.51	35 .73	12 .34	38.0 .61	.10 --	.4 --	256 241	173 47	0.5			
03/29/73	5101 5101		7.6	409	2.74 67	9.1 .75	13 .57	1.8 .05	0 .00	165 2.70	24 .50	10 .28	38.0 .61	.02 --	.4 --	248 232	175 40	0.4			
TEMESCAL HYDRO SUBAREA																					
04/25/73	Y-01.85 03S/06W-28H02 5103 0955 5050	S	7.0 21	F C	7.8	1121	89 4.48	27 2.24	103 4.52	4.9 .13	0 .00	285 4.67	132 2.76	110 3.11	55.0 .89	.30 --	.3 --	774 664	347 103	2.5	
09/25/73	5103 1020 5050	69 F 21 C	8.2	1093	3.34 30	67 3.29	40 3.29	101 4.39	0 .10	0 .00	242 3.97	141 2.94	114 3.21	66.0 1.06	.20 --	.8 --	733 652	332 133	2.4		
11/21/72	03S/06W-28N02 5103 1455 5050	S	69.0 F 20.5 C	7.8	1300	105 5.24	46 3.78	97 4.22	2.0 .05	0 .00	382 6.26	143 2.98	115 3.24	54.2 .87	.23 --	.6 --	906 750	458 138	2.0		
04/25/73	03S/07W-22H01 5103 1050 5050	S	66 F 19 C	8.0	1542	87 4.37	34 2.86	183 8.00	11 .29	0 .00	261 4.28	165 3.44	201 5.69	56.8 .92	.70 --	.6 --	996 870	354 148	4.2		
09/25/73	5103 1220 5050	72 F 22 C	8.4	1530	4.19 26	2.55 16	9.22 57	12 .31	8.0 2	271 2	207 4.44	216 6.09	52.0 .84	.50 --	1.3 --	958 956	334 102	5.0			

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE				MILLIGRAMS PER LITER					REM		
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR			
Y Y-01 Y-01.B Y-01.B5 03S/07W-22H02 S SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT TEMESCAL HYDRO SUBAREA																					
11/22/72 0850	5103 5050	76.0F 24.4C	7.7	1606	93 4.64 30	36 2.96 19	177 7.70 49	16 .42 3	11 .00	314 5.15 32	210 4.37 27	221 6.23 39	19.0 .31 2	.72 --	.6 --	1020 920	384 123	3.9			
04/25/73 1025	5103 5050	72 F 22 C	8.0	1235	119 5.98 45	39 3.22 24	92 4.00 30	4.3 .11 1	0 .00	254 4.16 35	183 3.82 30	108 3.07 26	58.8 .95 8	.10 --	.5 --	832 731	428 252	1.9	S		
11/22/72 0900	5103 5050	58.0F 14.4C	7.9	1126	118 5.89 51	45 3.70 32	46 2.00 17	2.4 .06 1	0 .00	264 4.33 37	180 3.75 32	87 2.45 21	63.0 1.02 9	.07 --	.5 --	892 671	479 263	0.9	E T		
04/25/73 1115	5103 5050	64 F 18 C	7.8	1022	98 4.93 50	29 2.44 24	55 2.40 24	3.2 .08 1	0 .00	198 3.25 32	173 3.61 36	85 2.41 24	55.0 .89 9	.10 --	.2 --	672 598	368 206	1.3			
09/25/73 1235	5103 5050	90 F 32 C	7.9	934	83 4.14 44	28 2.30 24	68 2.96 31	3.0 .08 1	0 .00	139 2.28 24	180 3.75 40	86 2.43 26	56.0 .90 10	.00 --	1.2 --	617 572	321 208	1.6			
11/22/72 0920	5103 5050	70.0F 21.1C	7.9	1246	136 6.79 52	47 3.87 30	55 2.39 18	.8 .02	0 .00	292 4.79 37	201 4.18 32	108 3.05 24	55.0 .89 7	.05 --	.5 --	1054 746	532 294	1.0	E T		
03/25/73 1420	5103 5050	76 F 24 C	8.4	1201	143 7.14 57	15 1.23 10	96 4.18 33	1.2 .03	8.0 .27 2	307 5.03 39	207 4.31 33	88 2.48 19	52.0 .84 6	.00 --	1.2 --	842 761	418 154	2.0	E		
04/25/73 1250	5103 5050	66 F 19 C	7.9	1308	128 6.41 43	71 5.87 39	58 2.56 17	1.8 .05	0 .00	281 4.61 33	345 7.20 51	55 1.56 11	42.5 .69 5	.10 --	.4 --	947 842	573 384	1.0	E S		
09/25/73 1305	5103 5050	67 F 19 C	7.9	1170	100 4.99 38	88 5.59 43	58 2.52 19	1.2 .03	0 .00	173 2.84 22	363 7.56 58	68 1.92 15	47.0 .76 6	.10 --	1.1 --	841 790	529 387	1.1	E		
Y-01.B6 03S/04W-19H02 S ARLINGTON HYDRO SUBAREA																					
11/21/72 1345	5103 5050	62.0F 16.7C	7.8	1123	60 2.99 30	41 3.37 34	77 3.35 34	4.3 .11 1	0 .00	141 2.31 24	101 2.10 21	162 4.57 47	52.0 .84 9	.08 --	.5 --	871 567	317 203	1.9	E T		
04/24/73 1445	5103 5050	70 F 21 C	7.9	1773	127 6.34 36	45 3.71 21	176 7.66 43	5.0 .13 1	0 .00	358 5.87 32	222 4.63 25	196 5.53 30	136 2.20 12	.40 --	.1 --	1117 1084	502 209	3.4			
11/21/72 5050	5103 5050	64.0F 17.8C	7.6	1967	160 7.98 41	83 6.83 35	101 4.39 23	4.3 .11 1	0 .00	429 7.03 37	195 4.06 21	243 6.85 36	75.0 1.21 6	.18 --	.4 --	1694 1072	739 389	1.6	E T		
04/24/73 1405	5103 5050	68 F 20 C	8.2	542	72 3.60 85	10 .82 15	25 1.09 20	2.5 .06 1	0 .00	209 3.43 64	40 .84 16	33 .93 17	9.9 .16 3	.00 --	.1 --	330 296	221 50	0.7			
09/25/73 0815	5103 5050		8.5	1661	108 5.39 31	91 7.48 42	107 4.65 26	4.8 .12 1	5.0 .17 1	347 5.69 32	194 4.04 23	212 5.98 34	106 1.71 10	.20 --	.8 --	1106 999	647 351	1.8			
04/24/73 1515	5103 5050	72 F 22 C	8.0	1443	93 4.68 31	56 4.65 31	125 5.44 37	4.1 .10 1	0 .00	273 4.47 31	171 3.56 25	189 5.34 37	56.6 .91 6	.20 --	.3 --	940 831	447 243	2.5			
09/25/73 0930	5103 5050	71 F 22 C	8.2	1441	82 4.09 27	65 5.35 35	132 5.74 38	4.8 .12 1	0 .00	265 4.34 29	177 3.69 25	207 5.84 39	65.0 1.05 7	.10 --	.8 --	946 863	471 255	2.6			
11/21/72 1440	5103 5050	61.0F 16.1C	7.8	1785	147 7.34 41	57 4.69 26	133 5.79 32	9.8 .25 1	0 .00	420 6.88 38	253 5.27 29	179 5.05 28	56.0 .90 5	.38 --	.7 --	1291 1042	602 258	2.4	E		
04/25/73 0945	5103 5050	69 F 21 C	8.1	1085	63 3.17 30	34 2.84 27	97 4.22 41	7.2 .18 2	0 .00	139 2.28 23	95 1.99 20	165 4.66 46	71.3 1.15 11	.10 --	.3 --	660 603	300 187	2.4			
09/25/73 1005	5103 5050	70 F 21 C	8.0	1555	81 4.05 26	49 4.06 26	168 7.34 47	6.4 .16 1	0 .00	191 3.13 20	225 4.68 30	212 5.98 39	99.0 1.60 10	.30 --	1.0 --	1031 936	406 249	3.6			
Y-01.B7 01S/04W-28L02 S RIVERSIDE HYDRO SUBAREA																					
11/22/72 5101	5101		7.5	948	87 4.34 42	20 1.64 16	96 4.18 41	3.5 .09 1	0 .00	356 5.83 58	93 1.94 19	66 1.86 19	23.0 .37 4	.21 --	.8 --	620 564	298 8	2.4			
04/09/73 5101	5101		7.5	955	85 4.24 44	18 1.48 15	90 3.92 40	3.6 .09 1	0 .00	347 5.69 57	95 1.98 20	66 1.86 19	24.0 .39 4	.24 --	.8 --	564 552	286 2	2.3			

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	CL	NO3	B	F	TDS SUM	TH MCM	SAR								
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																									
04/09/73	5101 5101				7.5	955	88 4.39 44	17 1.40 14	92 4.00 40	3.5 .09 1	0	354 5.80 57	100 2.08 21	66 1.86 18	23.0 .37 4	.24	.8	573 564	288 0		2.4				
04/09/73	5101 5101				7.5	544	73 3.64 66	12 .99 18	19 .83 15	2.2 .06 1	0	215 3.52 62	.49 1.02 18	14 .39 7	44.0 .71 13	.00	.2	426 319	225 56		0.5		E		
11/22/72	5101 5101				7.3	935	73 3.64 39	12 .99 11	78 3.39 36	54 1.38 15	0	330 5.41 58	72 1.50 16	81 2.28 25	5.0 .08 1	.57	.5	587 538	228 0		2.2				
04/09/73	5101 5101				7.7	883	84 3.19 36	8.8 .72 8	84 3.65 41	52 1.33 15	0	325 5.33 60	72 1.50 17	73 2.06 23	2.0 .03	.58	.6	538 516	195 0		2.6				
11/22/72	5101 5101				7.7	397	53 2.64 67	8.4 .69 17	13 .57 14	1.9 .05 1	0	175 2.87 72	.20 .42 11	13 .37 9	19.0 .31 8	.02	.4	267 214	166 23		0.4				
02/06/73	5050 1030				7.7	627	90 4.49 69	10 .90 14	25 1.09 17	2.6 .07 1	0	200 3.28 50	52 1.08 17	47 1.33 20	51.0 .82 13	.00	.2	412 377	270 106		0.7				
11/22/72	5101 5101				7.2	598	66 3.29 53	13 1.07 17	41 1.78 29	3.6 .09 1	0	215 3.52 58	59 1.23 20	36 1.02 17	20.0 .32 5	.24	.5	429 345	217 42		1.2		E		
04/09/73	5101 5101				7.1	606	85 3.24 60	4.0 .33 6	41 1.78 33	3.4 .09 2	0	215 3.52 56	57 1.19 19	43 1.21 19	20.0 .32 5	.25	.5	369 339	220 3		1.3				
11/30/72	5103 1440				62 F 17 C	8.3	801	58 2.89 37	19 1.56 20	74 3.22 41	3.9 .10 1	0	133 2.18 28	150 3.12 41	76 2.14 28	16.0 .26 3	.10	.6	522 462	225 114		2.2			
05/02/73	5103 1415				64.0F 17.8C	7.9	528	16 .82 17	13 1.11 24	60 2.64 56	4.7 .12 3	0	94 1.54 32	42 .88 18	83 2.35 49	3.3 .05 1	.10	.7	272 271	97 20		2.7			
11/21/72	5103 0935				56 F 13 C	8.3	527	51 2.54 48	13 1.07 20	38 1.65 31	2.8 .07 1	0	149 2.44 47	49 1.02 20	38 1.07 21	38.0 .61 12	.10	.5	324 303	178 59		1.2			
04/24/73	5103 0950				74 F 23 C	7.9	576	53 2.67 40	16 1.32 20	57 2.51 38	4.6 .12 2	0	245 4.02 59	62 1.30 19	54 1.53 22	.5 .01	.50	.3	380 370	202 0		1.8			
09/21/73	5103 1245				72 F 22 C	8.1	463	50 2.50 52	16 1.32 28	21 .91 19	2.6 .07 1	0	156 2.56 53	47 .98 20	21 .59 12	41.0 .66 14	.00	.3	311 275	191 63		0.7			
02/06/73	5050 1000				7.6	583	80 3.99 66	9.7 .80 13	28 1.22 20	2.4 .06 1	0	205 3.36 56	54 1.12 19	37 1.04 17	32.5 .52 9	.00	.2	359 344	240 72		0.8				
01/22/73	5136 5882				70.0F 21.1C	6.7	916	122 6.09 63	18 1.48 15	45 1.96 20	4.0 .10 1	0	194 3.18 37	56 1.17 14	142 4.00 47	11.0 .18 2	.05	.3	744 493	375 220		1.0			
05/23/73	5136 0900				56 F 13 C	8.0	1040	128 6.39 63	20 1.64 16	47 2.04 20	4.4 .11 1	0	220 3.61 35	85 1.77 17	167 4.71 46	12.6 .20 2	.03	.1	697 572	402 221		1.0			
05/24/73	5136 1230				67.0F 19.4C	7.7	1022	123 6.14 56	21 1.73 16	66 2.87 26	5.0 .13 1	0	420 6.88 63	85 1.77 16	58 1.64 15	43.8 .71 6	.08	.1	669 608	394 50		1.4			
06/26/73	5136 0100				99.0F 37.2C	7.7	1185	139 6.94 57	22 1.81 15	75 3.26 27	5.3 .14 1	0	314 5.15 42	102 2.12 17	152 4.29 35	38.4 .62 5	.49	.3	745 689	438 180		1.6			
06/26/73	5136 0900				88 F 31 C	8.0	1027	131 6.54 64	19 1.56 15	47 2.04 20	4.3 .11 1	0	217 3.56 35	85 1.77 17	166 4.68 46	12.2 .20 2	.03	.1	697 571	405 227		1.0			
06/27/73	5136 1200				84.0F 28.9C	7.7	921	127 6.34 58	19 1.56 14	65 2.83 26	4.7 .12 1	0	482 7.90 71	75 1.56 14	58 1.64 15	1.2 .02	.14	.1	608 587	395 0		1.4			
08/20/73	5136 0100				92 F 33 C	7.6	1007	119 5.94 58	19 1.56 15	62 2.70 26	4.5 .12 1	0	380 6.23 60	80 1.67 16	59 1.66 16	49.5 .80 8	.08	.2	625 580	375 64		1.4			
08/21/73	5136 1100				95.0F 35.0C	7.8	1356	161 8.03 59	24 1.97 15	79 3.44 25	5.4 .14 1	0	299 4.90 37	104 2.17 16	204 5.75 43	36.6 .59 4	.67	.3	912 762	500 255		1.5			



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																									
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					HEM
					CA	MG	NA	K	CO3	HCO3	CL	NO3	B	F	TDS SUM	TM MCM	SAW								
Y-01 Y-01.B Y-01.B7 02S/05W-10K04 S SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																									
01/22/73	5136 5882	70.0F 21.1C	7.1		896	119 59	19 16	55 24	4.0 1.0	0 0.00	334 54	66 14	55 16	90.0 15	.14	.3	896 572	332 102	1.2						
05/30/73	5136 0100	90.5F 32.5C	7.9		854	99 54	20 18	56 27	5.8 1.5	0 0.00	331 54	83 19	52 16	40.5 7	.08	.1	572 519	320 54	1.1						
06/27/73	5136 0900	78.0F 25.5C	8.0		869	112 60	14 12	57 27	5.1 1.3	0 0.00	322 57	84 19	52 16	40.0 8	.10	.1	555 531	337 73	1.4						
08/20/73	5136 0800	86 F 30 C	7.6		899	110 59	15 13	55 26	4.6 1.2	0 0.00	318 57	75 17	52 16	60.0 11	.10	.1	568 528	336 76	1.1						
01/24/73	5136 5882	74.0F 23.3C	6.4		873	110 59	15 13	56 26	4.0 1.0	0 0.00	263 49	76 18	55 18	85.0 16	.20	.3	710 531	334 121	1.3						
06/29/73	5136 0100	90 F 32 C	8.3		841	--	--	--	--	--	--	--	--	--	--	--	514	290							
01/24/73	5136 5882	67.0F 19.4C	7.3		873	106 58	17 15	55 26	4.0 1.0	0 0.00	237 48	91 23	44 15	67.0 13	.17	.3	688 501	334 141	1.3						
05/24/73	5136 0900	65.5F 18.6C	7.6		951	121 60	21 17	51 22	4.6 1.2	0 0.00	340 55	119 24	50 14	42.0 7	.08	.2	628 576	389 110	1.1						
06/27/73	5136 0100	94.0F 34.4C	7.6		971	126 61	20 16	54 23	4.4 1.1	--	345 55	125 25	51 14	41.4 6	.10	.2	606	397	1.2						
08/21/73	5136 0900	80 F 27 C	8.0		983	123 60	21 17	52 22	4.4 1.1	0 0.00	339 54	125 25	51 14	37.8 6	.11	.3	628 581	394 116	1.1						
11/21/72	5103 0915	52 F 11 C	8.2		761	79 50	19 20	52 29	4.7 1.2	0 0.00	289 59	79 20	55 19	6.5 1	.60	.6	447 438	274 38	1.4						
04/24/73	5103 0925	68 F 20 C	7.9		497	38 40	13 24	36 35	2.9 1	0 0.00	124 45	42 20	29 18	48.6 17	.10	.4	310 275	152 51	1.3						
09/21/73	5103 1230	70 F 21 C	8.6		707	69 47	17 19	53 32	4.4 1.1	2.0 0.07	212 49	81 24	51 20	26.0 6	.30	1.0	468 408	242 65	1.5						
04/24/73	5103 0910	71 F 22 C	8.9		466	.0 0.00	.0 0.00	96 3.92	.7 0.02	13 0.43	42 69	22 48	78 2.22	.3 0.00	.70	1.3	234 227	0	0.0						
01/23/73	5136 5882	66.0F 18.9C	6.4		890	134 56	22 15	78 28	4.0 1.0	--	245 42	137 30	51 15	73.0 12	.17	.4	736	426	1.6						
05/29/73	5136 0100	95.6F 35.3C	7.7		1059	135 58	25 18	61 23	4.4 1.1	0 0.00	333 47	186 34	53 13	43.5 6	.11	.3	722 672	440 167	1.3						
06/28/73	5136 0900	78.0F 25.5C	7.7		1056	140 61	23 16	58 22	4.2 1.1	0 0.00	321 46	189 34	51 13	52.5 7	.12	.2	694 676	444 181	1.2						
01/26/73	5136 5882	66.5F 19.1C	7.0		1370	151 59	27 17	65 22	6.0 1.5	--	238 32	292 49	48 11	65.0 8	.29	.4	944	488	1.3						
05/29/73	5136 1130	88.9F 31.6C	7.6		1190	148 56	33 21	65 22	5.8 1.5	0 0.00	320 40	273 44	53 11	39.0 5	.17	.3	818 774	505 243	1.3						
06/28/73	5136 0100	84.0F 28.9C	8.1		1177	158 60	27 17	68 22	5.5 1.4	0 0.00	336 42	270 43	54 12	31.8 4	.16	.3	795 780	505 230	1.3						
01/25/73	5136 5882	62.0F 16.7C	7.1		890	113 59	20 17	51 23	4.0 1.0	0 0.00	247 46	128 30	47 15	48.0 9	.26	.5	680 533	363 162	1.2						
05/29/73	5136 0830	70.0F 21.1C	7.6		841	96 53	23 21	50 24	5.3 1.4	0 0.00	302 55	114 26	42 13	27.8 5	.17	.4	539 507	334 87	1.2						
06/29/73	5136 0900	79 F 26 C	7.7		874	107 58	20 18	49 23	5.2 1.3	0 0.00	295 52	125 28	45 14	32.8 6	.16	.4	527 529	349 107	1.1						

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B SI02	F	TDS SUM		TH MCH	SAR
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																		
01/25/73	5136 5882	65.0F 18.3C	7.0 980	128 6.39 60	22 1.81 17	54 2.35 22	4.0 .10 1	-- 4.57 48	279 2.37 25	114 1.49 16	53 1.00 11	62.0 1.00 11	.42 --	.5 --	770	410	1.2	E
05/30/73	5136 0900	65.5F 18.6C	7.9 933	114 5.69 56	27 2.22 22	50 2.18 21	3.9 .10 1	0 .00 1	358 5.87 58	121 2.52 25	47 1.33 13	26.8 .43 4	.17 --	.5 --	597 566	396 102	1.1	
06/29/73	5136 0100	88 F 31 C	8.0 880	109 5.44 57	22 1.81 19	50 2.18 23	3.6 .09 1	0 .00 1	341 5.59 58	117 2.44 25	45 1.27 13	22.7 .37 4	.16 --	.4 --	531 537	363 83	1.1	
11/21/72	5103 1010	50.0F 10.0C	8.1 925	127 4.09 42	37 3.04 32	54 2.35 24	5.9 .15 2	0 .00 2	314 5.15 54	95 1.98 21	73 2.06 21	25.2 .41 4	.10 --	.5 --	660 527	354 99	1.2	E T
04/24/73	5103 1020	62 F 17 C	8.1 956	126 6.30 62	21 1.78 18	45 1.96 19	3.9 .10 1	0 .00 1	289 4.74 47	164 3.43 34	57 1.62 16	16.9 .27 3	.10 --	.3 --	630 578	404 167	1.0	
09/21/73	5103 1310	72 F 22 C	8.7 876	86 4.29 45	30 2.47 26	63 2.74 28	4.8 .12 1	8.0 .27 3	280 4.59 48	56 2.00 21	75 2.12 22	31.0 .50 5	.10 --	.7 --	616 532	336 95	1.5	E
11/21/72	5103 1025	52.0F 11.1C	7.8 1251	118 5.89 40	58 4.77 33	88 3.83 26	3.1 .08 1	0 .00 1	470 7.70 52	204 4.25 29	86 2.43 17	20.3 .33 2	.08 --	.5 --	922 809	534 148	1.7	E
04/24/73	5103 1035	66 F 19 C	8.5 1138	111 5.56 44	45 3.71 29	77 3.38 27	3.1 .08 1	12 .40 3	373 6.11 49	141 2.95 24	85 2.41 20	30.0 .48 4	.20 --	.3 --	740 690	463 138	1.6	
09/21/73	5103 1345	68 F 20 C	8.1 998	49 2.45 23	55 4.52 42	82 3.57 34	4.0 .10 1	0 .00 1	266 4.36 41	153 3.19 30	92 2.59 24	35.0 .56 5	.10 --	.6 --	673 601	351 131	1.9	
11/21/72	5103 1035	68.0F 20.0C	8.0 978	128 6.39 59	33 2.71 25	37 1.61 15	4.7 .12 1	0 .00 1	301 4.93 47	176 3.66 35	60 1.69 16	20.0 .32 3	.03 --	.5 --	756 607	456 209	0.8	E
04/24/73	5103 1100	66 F 19 C	8.3 898	80 3.99 41	32 2.67 28	65 2.84 29	4.9 .13 1	0 .00 1	295 4.84 53	87 1.82 20	73 2.08 23	28.7 .46 5	.00 --	.2 --	550 517	333 91	1.6	
09/21/73	5103 1355	68 F 20 C	8.3 911	100 4.99 48	40 3.29 31	48 2.09 20	4.0 .10 1	0 .00 1	286 4.69 46	176 3.66 36	56 1.58 16	16.0 .26 3	.10 --	.8 --	649 581	415 180	1.0	E
11/21/72	5103 1100	57.0F 13.9C	8.0 915	69 3.44 39	14 1.15 13	85 3.70 42	23 .59 7	0 .00 7	209 3.43 40	44 .92 11	146 4.12 48	12.0 .19 2	.02 --	.4 --	566 496	228 58	2.4	
04/24/73	5103 1130	70 F 21 C	8.2 1851	158 7.91 40	78 6.48 32	124 5.42 27	6.2 .16 1	0 .00 1	414 6.79 35	195 4.08 21	229 6.46 33	143 2.32 12	.30 --	.3 --	1220 1141	719 380	2.0	
09/21/73	5103 1415	71 F 22 C	8.1 465	49 2.45 48	14 1.23 24	30 1.31 26	2.6 .07 1	0 .00 1	157 2.57 54	51 1.06 22	36 1.02 21	9.0 .15 3	.00 --	.5 --	305 270	179 56	1.0	S
11/21/72	5103 1110	68.0F 20.0C	7.9 1060	94 4.94 47	33 2.71 26	63 2.74 26	4.3 .11 1	0 .00 1	317 5.20 50	89 1.85 18	90 2.54 24	50.0 .81 8	.05 --	.8 --	715 584	382 123	1.4	
04/24/73	5103 1150	72 F 22 C	8.3 1037	109 5.46 52	23 1.97 19	68 2.96 28	4.1 .10 1	0 .00 1	269 4.41 43	47 .99 10	127 3.60 35	80.2 1.29 13	.10 --	.4 --	640 593	371 151	1.5	
09/21/73	5103 1430	72 F 22 C	8.2 956	76 3.79 42	20 1.64 18	86 3.48 39	4.0 .10 1	0 .00 1	218 3.57 38	60 1.25 13	122 3.44 37	66.0 1.06 11	.10 --	1.1 --	615 535	274 93	2.1	
COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA																		
11/22/72	5101 5101	7.6	421	53 2.64 63	11 .90 22	13 .57 14	2.4 .06 1	0 .00 1	179 2.93 70	24 .50 12	8.8 .25 8	33.0 .53 13	.02 --	.6 --	279 233	177 31	0.4	
04/09/73	5101 5101	7.5	423	58 2.89 70	8.3 .68 16	12 .52 13	2.4 .06 1	0 .00 1	179 2.93 68	25 .52 12	11 .31 7	32.0 .52 12	.00 --	.3 --	302 237	173 32	0.4	E T
11/22/72	5101 5101	7.4	723	57 2.84 40	17 1.40 20	65 2.83 40	3.3 .08 1	0 .00 1	281 4.61 63	80 1.25 17	50 1.41 19	1.0 .02 19	.41 --	.6 --	442 392	210 0	1.9	
04/09/73	5101 5101	7.7	841	66 3.29 37	22 1.81 21	83 3.61 41	3.6 .09 1	0 .00 1	349 5.72 65	44 .92 10	75 2.12 24	2.6 .04 24	.58 --	.6 --	493 468	257 0	2.3	

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM					
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TH NCM	SAR			
SANTA ANA DRAINAGE PROVINCE																					
SANTA ANA RIVER HYDRO UNIT																					
COLTON-RIALTO HYDRO SUBUNIT																					
COLTON-RIALTO HYDRO SUBAREA																					
11/12/72	5101 5101			48 7.8	7.0 307	12 2.40	1.6 .56	0 .52	170 2.79	16 .33	6.9 .19	9.2 .15	.01 5	.4 10	234 184	148 10			E T		
04/09/73	5101 5101			48 7.7	5.7 347	12 2.40	1.6 .47	0 .52	172 2.82	15 .31	9.0 .25	9.2 .15	.00 7	.2 4	252 185	140 3			E T		
04/09/73	5101 5101	01S/05W-12L01	S	47 7.8	5.7 351	11 2.35	2.5 .47	0 .48	172 2.82	14 .29	7.0 .20	4.6 .07	.05 2	.3 --	213 176	138 0					
RECME HYDRO SUBAREA																					
11/30/72	5103 1520	Y-01.D5 02S/03W-18D02	S	54 12	F C	8.1 8.1	422	28 1.40	9.8 .81	40 1.74	2.3 .06	0 1	126 2.07	18 .37	39 1.10	30.0 .48	.00 9	.7 27	285 229	109 7	1.7
05/03/73	5103 0805			64.0F 17.8C	8.3	415	25 1.25	10 .87	40 1.75	2.7 .07	0 2	130 2.13	14 .30	38 1.09	33.8 .55	.00 7	1.2 27	280 229	106 0	1.7	
11/30/72	5103 1510	02S/03W-20D04	S	58 14	F C	8.3	332	16 .80	6.3 .52	41 1.78	3.5 .09	0 1	112 1.84	13 .27	30 .85	13.0 .21	.00 9	1.0 27	234 178	66 0	2.2
05/03/73	5103 0905			60.0F 15.5C	8.2	329	13 .68	7.5 .62	40 1.76	3.9 .10	0 1	112 1.84	5.8 .12	28 .79	19.0 .31	.10 4	1.7 26	214 173	65 0	2.2	
05/03/73	5103 0820	02S/04W-12P02	S	68.0F 20.0C	8.5	536	36 1.83	16 1.36	47 2.06	2.3 .06	5.0 .17	170 2.79	13 .28	55 1.56	32.8 .53	.00 5	1.1 29	349 293	160 12	1.6	
UPPER SANTA ANA R HYDRO SUBUNIT																					
BUNKER HILL HYDRO SUBAREA																					
10/27/72	5101 1500	Y-01.E Y-01.E2 02N/03W-27D01	S				24 7.3	5.0 1.20	.41 .55	.52 19	.04 24	.00 2	107 1.75	4.6 .10	8.8 .25	.0 .00	.00 5	.2 12	121 109	80 0	0.6
05/22/73	5101 5101						32 6.9	6.3 1.60	.52 45	1.39 15	.05 39	0 1	97 1.59	8.2 .17	65 1.83	3.9 .06	.00 5	.0 50	281 197	107 27	1.4
10/26/72	5101 1000	02N/04W-19A01	S				24 7.4	6.3 1.20	.52 53	.48 23	.06 21	0 3	119 1.95	1.8 .04	9.8 .28	.7 .01	.01 2	.0 12	151 115	86 0	0.5
05/15/73	5101 5101						10 6.7	2.8 .50	.23 44	.38 20	.03 33	0 3	32 .52	7.1 .15	10 .28	14.0 .23	.24 13	.7 24	65 70	37 11	0.6
10/18/72	5101 5101	01S/03W-23A03	S				80 8.0	15 588	.15 3.99	.16 1.23	.29 .70	0 .07	211 3.46	59 1.23	9.8 .28	60.0 .97	.00 5	.6 16	357 346	262 88	0.4
11/21/72	5101 5101	01S/04W-13P01	S				81 7.3	23 877	.23 4.04	.73 1.89	.60 1.89	0 1	312 5.11	158 3.29	31 .87	3.2 .05	.05 9	.5 1	532 529	294 41	1.8
11/22/72	5101 5101	01S/04W-25D01	S				17 8.0	3.1 429	.25 .85	.83 18	1.7 5	0 3.61	150 2.46	43 .90	42 1.18	3.3 .05	.14 20	.9 1	304 267	55 0	4.9
04/09/73	5101 5101						20 7.9	4.7 543	.39 1.00	.83 20	1.9 .39	0 3.61	167 2.74	44 1.02	43 1.21	7.3 .12	.17 20	.9 24	305 291	68 0	4.3
REDLANDS HYDRO SUBAREA																					
10/18/72	5101 5101	Y-01.E3 01S/03W-24C01	S				61 8.1	11 466	.11 3.04	.16 .90	2.3 .70	0 .06	199 3.26	18 .79	8.8 .25	25.0 .40	.00 17	.6 5	274 260	199 34	0.5
10/19/72	5101 5101	01S/03W-25N02	S				71 8.0	24 732	.24 3.54	.45 1.97	2.2 1.96	0 1	247 4.05	80 1.67	16 .45	87.0 1.40	.02 6	.5 18	466 447	274 73	1.2
10/18/72	5101 5101	01S/03W-35M01	S				71 7.7	21 710	.21 3.54	.44 1.73	2.2 1.91	0 .56	228 3.74	74 1.54	14 .39	94.0 1.52	.00 21	.5 5	460 452	264 77	1.2
RESERVOIR HYDRO SUBAREA																					
04/12/73	5101 5101	Y-01.E5 01S/03W-35G08	S				49 8.0	14 547	.14 2.45	.44 1.15	2.4 1.91	0 .06	213 3.49	47 .98	19 .54	41.0 .66	.00 17	.4 10	378 321	180 6	1.4



TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HC03	SO4	CL	NO3		B	F	TDS SUM	TH MCM	SAP						
SANTA ANA DRAINAGE PROVINCE																									
SANTA ANA RIVER HYDRO UNIT																									
UPPER SANTA ANA R HYDRO SUBUNIT																									
CRAFTON HYDRO SUBAREA																									
11/30/72	5101 5101		7.8	471	54 55	17 29	17 15	1.3 .03	0 1	208 3.41	35 70	14 15	20.0 .39	.00 .32	.4 7	346 261	203 34	0.5						E T	
04/12/73	5101 5101		7.7	474	55 56	16 27	18 16	1.6 .04	0 1	201 3.29	40 67	15 17	23.0 .83	.00 .42	.5 .37	248 267	201 39	0.6							
SANTA ANA CANYON HYDRO SUBAREA																									
10/19/72	5101 5101		7.8	442	40 46	8.8 .72	38 1.65	-- .08	0 .00	153 2.51	75 57	8.8 1.56	4.8 .25	.09 .08	.7 2	266 251	135 11	1.4							
11/22/72	5101 5101		8.0	948	84 43	17 14	95 42	3.5 .09	0 1	361 5.92	93 19	64 1.80	23.0 .37	.23 .18	.8 .1	595 557	281 0	2.5							
SAN TIMOTEO HYDRO SUBUNIT																									
YUCAIPA HYDRO SUBAREA																									
11/30/72	5101 5101		7.6	456	58 80	11 19	23 21	1.5 .04	0 .00	235 3.85	22 81	13 10	5.8 .37	.00 .09	.5 2	359 250	191 0	0.7						E T	
04/12/73	5101 5101		8.0	447	56 58	11 19	24 22	2.0 .05	0 1	235 3.85	26 80	11 11	5.7 .31	.00 .09	.5 2	242 251	184 0	0.8							
11/22/72	5101 5101		7.9	429	39 44	.6 .05	54 2.35	2.4 .06	0 .00	177 2.90	32 69	22 16	2.6 .62	.07 .04	.5 1	269 240	100 0	2.4							
04/12/73	5101 5101		7.8	416	31 38	2.1 .17	54 2.35	2.4 .06	0 .00	167 2.74	34 67	22 17	2.0 .62	.00 .03	.5 1	205 230	85 0	2.5							
04/12/73	5101 5101		7.8	552	51 44	17 24	41 1.78	1.5 .04	0 .00	254 4.16	25 72	32 16	12.0 .90	.05 .19	.9 3	318 304	195 0	1.3							
11/30/72	5101 5101		7.6	570	43 37	13 18	59 2.57	1.4 .04	0 .00	220 3.61	56 63	29 20	7.0 .82	.00 .11	1.5 2	368 317	160 0	2.0						N	
04/12/73	5101 5101		7.7	570	41 35	13 18	61 2.65	1.8 .05	0 .00	218 3.57	70 61	26 25	7.0 .73	.00 .11	1.8 2	311 327	155 0	2.1							
SAN TIMOTEO HYDRO SUBAREA																									
05/03/73	5103 1015	68.0F 20.0C	8.4	380	27 34	8.9 .73	43 1.90	1.2 .03	0 .00	194 3.18	9.5 .20	17 13	1.3 .02	.00 .01	1.8 1	221 205	104 0	1.9							
05/03/73	5103 1320	68.0F 20.0C	8.3	327	26 40	11 .92	22 .97	2.7 .07	0 .00	172 2.82	.0 .83	15 13	9.4 .15	.00 .13	1.1 4	176 171	111 0	0.9							
CHERRY VALLEY HYDRO SUBAREA																									
11/07/72	5103 5050	62 F 17 C	8.3	482	51 48	20 31	25 1.09	1.6 .04	0 .00	245 4.02	25 77	20 10	7.0 .56	.00 .11	.7 2	282 270	207 8	0.8							
05/18/73	5103 0945	68.0F 20.0C	8.3	405	30 37	18 1.50	25 1.10	1.6 .04	0 .00	188 3.08	23 74	16 12	8.3 .46	.00 .13	1.0 3	130 217	154 0	0.9						E T	
11/30/72	5101 5101		7.8	445	31 35	10 .82	46 2.00	1.0 .03	0 .00	199 3.26	14 73	29 6	7.6 .82	.00 .12	.5 3	320 236	121 0	1.8						E T	
04/12/73	5101 5101		8.1	411	26 32	8.8 .72	46 2.00	1.4 .04	0 .00	187 3.06	15 74	24 7	6.2 .68	.03 .10	.6 2	220 219	100 0	2.0							
05/03/73	5103 1125	76.0F 24.4C	8.3	212	6.8 .34	3.5 .29	49 2.14	1.6 .04	0 .00	126 2.07	11 9	12 .36	7.2 .12	.20 .13	1.1 4	149 155	31 0	3.8						E C	
SOUTH MESA HYDRO SUBAREA																									
11/30/72	5101 5101		7.4	521	61 57	13 1.07	27 22	1.2 .03	0 .00	230 3.77	35 70	21 14	17.0 .59	.00 .27	.3 5	386 288	204 17	0.8						E T	
04/12/73	5101 5101		7.6	539	60 55	14 1.15	29 1.26	1.5 .04	0 .00	230 3.77	47 68	19 18	17.0 .54	.00 .27	.4 5	255 301	208 19	0.9							

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																				
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER						REM
					CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR		
																			PERCENT REACTANCE VALUE	
Y Y-01 Y-01.F Y-01.F7 02S/02W-11F01 S SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT SOUTH MESA HYDRO SUBAREA																				
11/30/72	5101		7.4	507	49 48	9.6 16	41 35	2.0 1	0 0	185 55	64 27	23 13	15.0 5	.00	.6 --	348 285	162 27	1.4	E T	
11/30/72	5101		7.7	500	34 34	10 16	57 49	1.2 0.3	0 0.00	194 3.18 65	42 18	27 15	6.5 2	.01	1.2 --	350 273	126 0	2.2	T	
02/02/73	5101		8.0	552	45 38	16 22	55 40	.8 0.02	0 0.00	236 3.77 75	49 20	3.0 2	8.6 3	.00	1.3 --	258 290	178 0	1.8	S	
11/30/72	5101		7.7	570	43 37	13 18	60 44	1.4 0.04	0 0.00	220 3.61 63	55 20	30 15	7.0 2	.02	1.4 --	404 318	160 0	2.1	E T	
04/12/73	5101		7.6	552	51 44	17 24	42 31	1.6 1	0 0.00	247 4.05 69	39 14	28 14	12.0 3	.00	.9 --	292 312	197 0	1.3		
11/30/72	5101		7.2	557	42 36	14 19	60 44	1.6 0.04	0 1	215 3.52 61	61 22	30 15	7.0 2	.02	1.4 --	329 321	162 0	2.0		
04/12/73	5101		7.3	535	54 47	17 24	38 29	1.4 1	0 0.00	257 4.21 73	21 8	32 16	13.0 4	.00	.8 --	228 303	204 0	1.2	T	
05/06/73	5103 1040	76.0F 24.4C	8.4	400	25 30	10 21	46 40	1.6 2.02	3.0 0.10 2	188 3.08 73	11 6	23 16	7.2 3	.00	1.1 --	233 221	107 0	2.0		
Y-01.F9 02S/01W-22H01 S NOBLE CREEK HYDRO SUBAREA																				
11/07/72	5103 1400	80 F 18 C	7.9	521	58 51	21 30	24 18	1.2 1.04	0 0.03 1	229 3.75 68	40 15	27 14	9.5 3	.00	.7 --	305 293	22 44	0.7		
05/18/73	5103 1000	67.0F 19.4C	8.4	500	52 49	20 31	23 19	1.6 1.68	3.0 1.03 0.10 2	214 3.51 66	40 16	24 13	9.7 3	.00	.8 --	290 281	217 34	0.7		
09/16/73	5103 1400	60 F 16 C	8.3	527	54 53	18 29	20 18	.8 0.90 1.0	0 0.02 0.00	217 3.56 69	36 15	24 13	10.4 3	.00	1.2 --	305 272	210 33	0.6		
11/07/72	5103 1330	61 F 16 C	8.0	504	46 44	17 27	34 28	1.2 1.48	0 0.03 1	212 3.47 66	49 19	19 10	15.0 5	.00	1.0 --	306 285	186 12	1.1		
09/16/73	5103 1610	62 F 17 C	8.0	520	62 55	14 20	32 25	.8 1.40 1.0	0 0.02 0.00	206 3.38 64	52 21	18 10	15.3 5	.00	1.4 --	291 297	186 44	1.0	S	
Y-01.G Y-01.G1 02N/01E-17F01 S SAN BERNARDINO MTN HYDRO SUBUNIT BEAR VALLEY HYDRO SUBAREA																				
12/01/72	5101 1430		7.8	525	46 39	40 56	4.7 3	3.1 1	0 0.08 1	327 5.36 90	19 7	7.0 3	.4 0.1	.00	.4 --	298 281	279 12	0.1		
05/14/73	5101 5101		7.5	523	56 48	30 43	10 8	2.4 0.44 0.06 1	0 0.00 0.00	298 4.88 62	32 9	80 2.26 29	2.4 0.04 1	.20	.3 --	281 360	264 19	0.3	TC S	
12/01/72	5101 1000		7.6	525	52 45	30 43	14 11	2.4 0.61 1	0 0.06 0.00	283 4.64 80	38 14	11 5	1.7 0.3 1	.00	.4 --	305 288	252 21	0.4		
05/14/73	5101 5101		7.5	269	27 48	12 35	9.8 0.43 1.5	2.5 0.06 2	0 0.00 0.00	140 2.29 84	4.3 0.09 3	12 12	1.2 0.2 1	.05	.2 --	155 138	116 3	0.4		
Y-01.G3 02N/01E-12N01 S BALDWIN HYDRO SUBAREA																				
12/01/72	5101 5101		7.7	486	50 48	28 44	8.9 7	1.7 0.39 1	0 0.04 0.00	279 4.57 86	15 6	11 8	6.0 1.1 2	.00	.3 --	279 258	237 12	0.3		
12/01/72	5101 5101		6.8	290	27 44	15 40	10 14	1.5 0.44 1	0 0.00 0.00	148 2.43 79	18 12	10 9	.4 0.1 0.01	.00	.2 --	168 155	127 8	0.4		
05/14/73	5101 5101		6.6	308	31 48	15 38	10 13	1.4 0.44 1	0 0.00 0.00	170 2.79 84	13 8	8.0 7	2.1 0.3 1	.01	.1 --	189 164	140 0	0.4		

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT PERRIS VALLEY HYDRO SUBAREA																				
05/22/73	5875 5050	74 23	F C	1100 1096	--	--	--	--	--	--	--	--	--	--	--	756				
05/10/73	5875 5050	81 27	F C	7.6 507	580 1.00	20 .48	5.8 3.05	70 66	3.1 .08	0 .00	114 1.87	.21 .44	60 1.69	41.6 .67	.00 --	.3 278	74 0	3.5 T		
05/15/73	5875 5050			671	--	--	--	--	--	--	--	--	--	--	--	380				
05/02/73 1205	5103 5050	80.0F 26.6C	8.0 C	606	21 1.06	5.8 .48	90 3.92	3.1 .08	0 .00	84 1.38	.13 .27	119 3.37	23.0 .37	.60 --	1.6 318	314 8	78 4.5			
05/02/73 1350	5103 5050	80.0F 26.6C	7.9 C	664	30 1.54	9.5 .78	79 3.44	3.1 .08	0 .00	78 1.28	.16 .35	129 3.64	40.0 .65	.40 --	1.1 347	413 52	116 3.2			
05/02/73 1145	5103 5050	74 23	F C	8.0 614	21 1.06	7.9 .65	86 3.76	2.0 .05	0 .00	68 1.11	.26 .55	125 3.54	8.1 .13	.50 --	1.0 311	330 30	86 4.1			
09/28/73 1355	5103 5050	74 23	F C	7.8 851	47 2.35	7.3 .60	97 4.22	3.5 .09	0 .00	79 1.29	.20 .42	179 5.05	22.0 .35	.70 --	.7 415	572 83	147 3.5	T		
05/02/73 1055	5103 5050	72 22	F C	8.1 1362	103 5.15	23 1.93	101 4.40	2.7 .07	0 .00	92 1.51	.28 .60	312 8.80	11.8 .19	.40 --	.4 629	1088 279	354 2.3	E T		
05/02/73 0955	5103 5050	70 21	F C	8.1 1362	88 4.43	28 2.38	108 4.70	3.9 .10	0 .00	159 2.61	.36 .76	287 8.10	8.2 .13	.40 --	.5 640	974 210	341 2.5	E T		
05/02/73 0205	5103 5050	68 20	F C	7.7 2985	158 7.89	5.6 .46	418 18.20	7.0 .18	0 .00	60 .98	.21 .44	879 24.81	8.9 .14	.20 --	.1 1529	1332 369	418 8.9			
06/14/73 0755	5103 5050	70 21	F C	8.0 2298	167 8.35	37 3.04	217 9.44	2.7 .07	0 .00	84 1.38	.35 .73	645 18.19	14.5 .23	.50 --	.7 1160	2035 501	568 4.0	E T		
11/30/72 1330	5103 5050	61 16	F C	8.4 1142	86 4.29	29 2.38	110 4.79	5.1 .13	1.0 .03	145 2.38	.715 6.56	.98 2.76	1.1 .02	.10 --	1.0 717	750 213	334 2.6			
05/02/73 1030	5103 5050	63 17	F C	8.2 1122	75 3.75	42 3.47	101 4.40	4.7 .12	0 .00	157 2.57	.300 6.25	.96 2.71	.5 .01	.00 --	.5 697	765 233	361 2.3			
09/28/73 1300	5103 5050	74 23	F C	8.0 1069	78 3.89	33 2.71	105 4.57	6.0 .15	0 .00	145 2.38	.311 6.48	.92 2.59	1.0 .02	.10 --	.8 697	748 211	331 2.5			
11/24/72 0935	5103 5050	48.0F 8.9C	7.7 C	866	65 3.24	25 2.06	63 2.74	5.5 .14	0 .00	256 4.20	.44 .92	97 2.74	35.0 .56	.06 --	.5 460	551 55	266 1.7			
04/30/73 1100	5103 5050	50 10	F C	8.4 878	54 2.74	42 3.47	60 2.61	4.3 .11	6.0 .20	248 4.06	.54 1.13	.96 2.71	41.5 .67	.00 --	1.0 481	596 98	311 1.5			
09/27/73 0905	5103 5050	66 19	F C	8.3 862	65 3.24	30 2.47	75 3.26	4.0 .10	0 .00	251 4.11	.56 1.17	103 2.90	44.0 .71	.00 --	.8 500	609 80	285 1.9	E		
04/27/73 1510	5103 5050	74 23	F C	8.2 1429	110 5.53	49 4.09	78 3.40	8.6 .22	0 .00	220 3.61	.36 .75	293 8.27	20.1 .32	.10 --	.8 705	1140 301	482 1.6	E T		
09/29/73 0815	5103 5050	74 23	F C	8.1 1194	97 4.84	29 2.38	90 3.92	7.0 .18	0 .00	202 3.31	.38 .79	233 6.57	23.0 .37	.00 --	.2 616	1003 196	360 2.1	E T		
04/27/73 1345	5103 5050	78 26	F C	7.7 1786	135 6.78	73 6.02	81 3.55	5.9 .15	0 .00	245 4.02	.70 1.46	382 10.78	23.0 .37	.10 --	.8 892	465 439	641 1.4	E T		
09/26/73 1430	5103 5050	78 26	F C	7.6 3029	261 13.02	131 10.77	123 5.35	5.1 .13	0 .00	96 1.57	.185 3.85	.830 23.41	20.0 .32	.20 --	.4 1603	3619 1112	1193 1.6	E T		
Y-02.A2 05S/03W-21D02 MENIFEE HYDRO SUBAREA																				



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE				MILLIGRAMS PER LITER				REM			
				CA	MG	NA	K	CO3	HCO3	CO4	CL	NO3	B	F	TDS SUM		TH MCH	SAR	
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT MENIFEE HYDRO SUBAREA																			
04/27/73 1430	Y Y-02 Y-02.A Y-02.A2 06S/02W-05N02 5103 5050	S 78 F 26 C	8.1 1154	73 3.66 32	43 3.56 31	92 4.00 35	5.5 .14 1	0 .00 1	373 6.11 51	125 2.60 22	112 3.17 26	6.3 .10 1	.20 --	1.0 --	748 642	361 56	2.1		S
09/26/73 1320	5103 5050	75 F 24 C	8.5 1230	99 4.94 36	44 3.62 26	116 5.05 37	5.1 .13 1	15 .50 4	359 5.88 44	146 3.04 23	133 3.75 28	12.0 .19 1	.00 --	.8 --	873 747	429 109	2.4		E
11/22/72 1350	5103 5050	50.0F 10.0C	7.8 844	70 3.49 44	21 1.73 22	61 2.65 33	2.7 .07 1	0 .00 1	236 3.87 47	59 1.23 15	100 2.82 3	15.0 .24 3	.04 --	.5 --	493 445	263 68	1.6		
04/27/73 1305	5103 5050	74 F 23 C	8.3 504	31 1.58 29	22 1.84 34	44 1.95 36	1.6 .04 1	0 .00 1	193 3.16 61	23 .50 10	28 .79 15	42.5 .69 13	.10 --	.9 --	363 290	171 13	1.5		E T S
09/26/73 1245	5103 5050	77 F 25 C	8.1 661	56 2.79 40	19 1.56 22	58 2.52 36	4.0 .10 1	0 .00 1	207 3.39 49	50 1.04 15	73 2.06 30	23.0 .37 5	.00 --	.7 --	477 385	218 48	1.7		E
WINCHESTER HYDRO SUBAREA																			
04/27/73 1450	5103 5050	76 F 24 C	8.0 653	35 1.78 29	21 1.78 29	55 2.40 40	3.1 .08 1	0 .00 1	105 1.72 29	38 .80 14	102 2.88 8	31.1 .50 8	.00 --	.9 --	492 339	178 92	1.8		E T
09/27/73 0840	5103 5050	72 F 22 C	8.0 700	46 2.30 34	14 1.15 17	77 3.35 49	2.0 .05 1	0 .00 1	121 1.98 30	51 1.07 16	110 3.10 46	35.0 .56 8	.00 --	.2 --	519 395	190 74	2.6		E T
11/24/72 0945	5103 5050	68.0F 20.0C	7.9 605	47 2.35 37	16 1.32 21	58 2.52 40	5.1 .13 2	0 .00 2	173 2.84 44	51 1.06 16	84 2.37 36	15.0 .24 4	.04 --	.6 --	430 361	184 42	1.9		
04/30/73 1115	5103 5050	64 F 18 C	8.3 782	47 2.36 31	31 2.59 34	60 2.65 34	5.1 .13 2	0 .00 2	203 3.33 45	36 .76 10	99 2.81 38	25.8 .42 6	.00 --	1.0 --	495 407	248 81	1.7		S
09/27/73 0925	5103 5050	72 F 22 C	8.3 864	57 2.84 37	19 1.56 20	71 3.09 41	5.1 .13 2	0 .00 2	201 3.29 43	49 1.02 13	103 2.90 38	26.0 .42 6	.00 --	.8 --	512 429	222 56	2.1		
LAKEVIEW HYDRO SUBAREA																			
05/01/73 1350	Y-02.A4 04S/02W-09M01 5103 5050	72 F 22 C	8.0 828	34 1.73 22	21 1.73 22	100 4.35 55	4.7 .12 2	0 .00 2	127 2.08 27	114 2.39 31	113 3.20 42	2.3 .04 1	1.00 --	.4 --	518 454	173 69	3.3		
09/17/73 5050	5103 5050	67 F 19 C	8.3 746	47 2.39 37	15 1.28 20	64 2.80 43	2.3 .06 1	0 .00 1	150 2.46 37	35 .75 11	103 2.92 49	27.0 .44 7	.70 --	.8 --	421 371	184 61	2.1		
11/01/72 1500	5103 5050	96 F 32 C	8.2 771	53 2.64 36	16 1.32 18	73 3.18 44	4.3 .11 2	0 .00 2	151 2.47 34	53 1.10 15	118 3.33 46	19.0 .31 4	1.20 --	.4 --	450 412	198 75	2.3		
05/20/73 0815	5103 5050	67 F 19 C	8.3 757	47 2.36 32	17 1.42 19	82 3.60 48	3.5 .09 1	0 .00 1	148 2.43 34	47 .98 14	123 3.47 48	17.7 .29 4	.90 --	.6 --	457 413	189 68	2.6		
05/21/73 0800	5103 5050	71.0F 21.6C	8.3 1066	54 2.70 28	18 1.55 16	120 5.25 55	5.1 .13 1	0 .00 1	160 2.62 27	24 .51 5	234 6.62 68	3.2 .05 1	1.50 --	.5 --	494 542	213 82	3.6		
09/17/73 5050	5103 5050	69.0F 20.5C	8.2 1070	51 2.55 28	20 1.67 18	112 4.88 53	3.1 .08 1	0 .00 1	160 2.62 28	24 .51 6	214 6.04 65	4.7 .08 1	1.40 --	.8 --	580 510	211 80	3.4		
05/21/73 0800	5103 5050	74.0F 23.3C	8.2 1188	55 2.75 26	19 1.59 15	140 6.10 58	5.1 .13 1	0 .00 1	146 2.39 22	23 .48 4	279 7.87 73	4.2 .07 1	1.50 --	.6 --	743 599	219 98	4.1		
09/07/73 5050	5103 5050	68 F 20 C	8.4 386	61 3.09 29	21 1.77 17	129 5.64 53	5.1 .07 1	2.0 1	155 2.54 24	10 .21 2	273 7.71 73	4.7 .08 1	.00 --	.7 --	222 585	243 113	3.6		TC
11/13/72 0800	5103 5050	74.0F 23.3C	8.3 639	55 2.74 44	14 1.15 19	51 2.22 36	3.9 .10 2	0 .00 2	194 3.18 52	14 .29 5	78 2.20 36	30.0 .48 8	.10 --	.4 --	350 341	196 36	1.6		
05/21/73 0830	5103 5050	74.0F 23.3C	8.3 888	52 2.61 32	18 1.48 18	90 3.95 48	4.3 .11 1	0 .00 1	172 2.82 34	24 .51 6	167 4.71 57	12.7 .20 2	.80 --	.5 --	515 455	205 64	2.8		
09/29/73 0815	5103 5050	74 F 23 C	8.1 577	47 2.35 46	14 1.15 20	50 2.18 38	5.0 .13 2	0 .00 2	187 3.06 52	14 .29 5	72 2.03 34	34.0 .55 9	.00 --	.6 --	346 328	174 22	1.6		

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR			
Y-02 Y-02.A Y-02.A4 04S/03W-13001 S																				
05/01/73 1420	5103 5050	76 24	F C	8.1	761	45 2.26 31	19 1.63 22	75 3.26 45	4.3 .11 2	0 .00	127 2.08 29	6.2 .13 2	173 4.90 54	1.4 .02	.60 --	.2 --	514 389	195 91	2.3	T
09/28/73 1045	5103 5050	76 24	F C	8.0	792	51 2.54 35	16 1.32 18	77 3.35 46	5.0 .13 2	0 .00	124 2.03 28	13 .27 4	173 4.88 67	4.0 .06 1	.70 --	.5 --	513 401	191 92	2.4	T
Y-02.A5 04S/01W-31001 S																				
11/29/72 1405	5103 5050	70 21	F C	8.3	1864	137 6.84 37	19 1.56 11	232 10.09 54	9.0 .23 1	0 .00	155 2.54 13	369 7.68 41	307 8.66 46	4.3 .07	.80 --	.9 --	1220 1154	432 293	4.9	
09/28/73 0945	5103 5050	72 22	F C	7.9	1780	104 5.19 29	33 2.71 15	228 9.92 55	9.0 .23 1	0 .00	121 1.98 11	353 7.35 42	290 8.18 46	6.0 .10 1	1.00 --	1.2 --	1152 1083	396 296	5.0	
05/14/73	5875 5050	73 23	F C		735 733	--	--	--	--	--	--	--	--	--	--	--	438			
04S/02W-11C01 S																				
05/01/73 1335	5103 5050	62 17	F C	8.2	718	36 1.83 26	9.7 .80 11	100 4.36 61	5.5 .14 2	0 .00	139 2.28 32	153 3.19 45	58 1.65 23	1.8 .03	.30 --	.6 --	441 434	132 18	3.8	
09/28/73 1015	5103 5050	70 21	F C	8.0	704	42 2.10 29	8.0 .66 9	97 4.22 59	6.0 .15 2	0 .00	135 2.21 31	150 3.12 44	60 1.69 24	4.0 .06 1	.40 --	.9 --	448 434	136 28	3.6	
05S/01W-13C01 S																				
11/24/72 1120	5103 5050	72.0F 22.2C		A.0	1005	90 4.49 44	27 2.22 22	77 3.35 32	9.8 .25 2	0 .00	218 3.57 34	223 4.64 44	63 1.78 17	28.0 .45 4	.10 --	.8 --	664 625	335 157	1.8	
04/30/73 1310	5103 5050	72 22	F C	8.3	971	86 4.33 42	32 2.64 26	72 3.15 30	8.2 .21 2	0 .00	212 3.47 35	207 4.32 44	61 1.72 17	23.7 .38 4	.00 --	1.2 --	687 596	354 175	1.7	E
05S/01W-14G01 S																				
11/24/72 1305	5103 5050	50.0F 10.0C		A.0	718	75 3.74 53	11 .92 13	53 2.31 32	5.5 .14 2	0 .00	224 3.67 51	95 1.98 27	37 1.04 14	35.0 .56 8	.06 --	.6 --	468 422	234 50	1.5	
05S/01W-20B01 S																				
11/24/72 1010	5103 5050	56.0F 13.3C		7.9	954	88 4.29 45	18 1.48 15	84 3.65 38	5.9 .15 2	0 .00	168 2.75 28	213 4.43 45	85 2.40 24	14.0 .23 2	.08 --	.6 --	634 589	289 151	2.2	
04/30/73 1225	5103 5050	60 16	F C	8.2	951	79 3.96 40	29 2.40 24	77 3.35 34	6.3 .16 2	0 .00	165 2.70 28	207 4.31 45	80 2.27 24	14.5 .23 1	.10 --	1.0 --	654 575	318 183	1.9	
09/27/73 0955	5103 5050	72 22	F C	8.1	945	87 4.34 44	21 1.73 17	86 3.74 38	5.1 .13 1	0 .00	165 2.70 27	218 4.54 46	85 2.40 24	16.0 .26 3	.00 --	.7 --	687 599	301 169	2.1	E
05S/01W-20D01 S																				
11/24/72 1145	5103 5050	68.0F 20.0C		8.1	1007	83 4.14 41	31 2.55 25	74 3.22 32	10 .26 3	0 .00	198 3.25 31	205 4.27 41	76 2.14 21	42.0 .68 7	.08 --	.8 --	843 619	335 172	1.8	E T
05S/01W-21A01 S																				
11/24/72 1020	5103 5050	75.0F 23.9C		8.0	773	64 3.19 43	15 1.23 17	64 2.78 38	7.0 .18 2	0 .00	168 2.75 37	109 2.27 30	76 2.14 29	18.0 .29 4	.04 --	.6 --	493 436	219 84	1.9	
04/30/73 1220	5103 5050	72 22	F C	8.3	769	58 2.93 37	25 2.07 26	64 2.80 35	5.1 .13 2	0 .00	167 2.74 38	96 2.00 27	78 2.22 30	20.1 .32 4	.10 --	1.0 --	492 431	245 113	1.8	S
Y-02.B Y-02.B1 05S/01E-05M02 S																				
05/01/73 1000	5103 5050	64 18	F C	8.1	292	28 1.44 48	7.1 .58 19	20 .91 30	2.3 .06 2	0 .00	136 2.23 79	10 .21 7	12 .36 13	2.3 .04 1	.00 --	.2 --	175 151	102 0	0.9	S
09/27/73 1255	5103 5050	72 22	F C	7.9	289	30 1.50 48	3.0 .25 8	30 1.31 42	2.0 .05 2	0 .00	137 2.25 72	19 .40 13	15 .42 13	4.0 .06 2	.00 --	.6 --	188 170	86 0	1.4	
05S/01E-06E01 S																				
05/07/73 1200	5875 5050	68 20	F C	7.8	422	51 2.54 59	6.8 .56 13	25 1.09 25	3.5 .09 2	0 .00	176 2.88 69	45 .94 22	12 .34 8	1.6 .03 1	.00 --	.3 --	212 231	155 11	0.9	
05S/01E-07K01 S																				
05/23/73 0845	5875 5050	70 21	F C		830 889	--	--	--	--	--	--	--	--	--	--	--	606			

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

[illegible]



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
Y Y-02 Y-02-B Y-02-B1 03S/02W-08E01																			
05/18/73	5875 5050	77 F 25 C	1150 1583	7.2 .36 2	1.7 .14 1	326 14.18 96	1.5 .04 .	0 .00 .	159 2.61 18	340 7.08 50	158 4.46 31	4.2 .07 .	.29	10.8 --	848 917	25 0	28.4	X	
03S/02W-18R02																			
05/10/73 1430	5875 5050	81 F 27 C	1400 1282	14 .70 6	9.3 .76 6	250 10.68 88	1.9 .05 .	0 .00 .	323 5.29 43	9.1 .19 2	220 6.20 50	37.2 .60 5	1.72	1.2 --	722 702	73 0	12.7		
03S/02W-21A02																			
05/10/73 1500	5875 5050	79 F 26 C	1050 1745	20 1.00 5	11 .91 5	400 17.40 90	1.2 .03 .	0 .00 .	931 15.26 79	.5 .01 .	145 4.09 21	.7 .01 .	.43	.8 --	1088 1037	96 0	17.8		
03S/02W-26M01																			
05/10/73 1120	5875 5050	79 F 26 C	2183 1961	54 2.69 12	30 2.47 11	408 17.75 77	1.0 .03 .	0 .00 .	964 15.80 70	68 1.42 6	185 5.22 23	9.5 .15 1	1.23	3.4 --	1338 1231	258 0	11.0		
05/10/73 1130	5875 5050	79 F 26 C	2000 1961	5.1 .25 1	3.6 .30 1	504 21.92 97	1.0 .03 .	0 .00 .	1223 20.04 90	12 .25 1	70 1.97 9	.3 .00 .	1.19	7.0 --	1273 1199	28 0	41.8		
03S/02W-35Q02																			
05/22/73	5875 5050	70.5F 21.4C	2437	--	--	--	--	--	--	--	--	--	--	--	1448	--	--		
04S/01W-07L01																			
05/00/73	5875 5050	7.7	470 497	43 2.15 43	7.2 .59 12	50 2.18 44	2.4 .06 1	0 .00 .	230 3.77 77	.0 .00 .	35 .99 20	6.7 .11 2	.11	.4 --	258 258	137 0	1.9		
04S/01W-08C01																			
05/10/73 0800	5875 5050	74.3F 23.5C	420 401	18 .90 22	3.0 .25 6	68 2.96 71	1.6 .04 1	0 .00 .	229 3.75 90	2.4 .05 1	11 .31 7	2.2 .04 1	.08	.3 --	254 219	58 0	3.9		
04S/01W-15N03																			
05/23/73	5875 5050		463	--	--	--	--	--	--	--	--	--	--	--	260	--	--		
04S/01W-16C01																			
11/24/72 1530	5103 5050	74 F 23 C	408	38 1.90 46	2.8 .23 6	43 1.87 46	3.5 .09 2	0 .00 .	196 3.21 77	5.6 .12 3	25 .71 17	6.6 .11 3	.00	.8 --	267 221	107 0	1.8		
05/01/73 1205	5103 5050	74 F 23 C	384	30 1.54 40	5.8 .48 12	40 1.77 46	3.1 .08 2	0 .00 .	196 3.21 83	1.2 .02 1	19 .56 14	4.7 .08 2	.00	.7 --	241 203	101 0	1.8		
09/28/73 0915	5103 5050	74 F 23 C	357	34 1.70 43	4.0 .33 8	42 1.83 46	3.0 .08 2	0 .00 .	201 3.29 83	5.0 .10 3	16 .45 11	8.0 .13 3	.00	1.1 --	235 211	100 0	1.8		
04S/01W-16F01																			
05/09/73 1400	5875 5050	7.9	375 338	36 1.80 55	3.2 .26 8	27 1.17 36	2.4 .06 2	0 .00 .	178 2.92 90	.0 .00 .	9.3 .26 8	5.0 .08 2	.00	.3 --	178 170	103 0	1.2		
04S/01W-17F03																			
05/14/73	5875 5050	66 F 19 C	390 363	40 2.00 54	5.8 .48 13	27 1.17 32	2.5 .06 2	0 .00 .	194 3.18 87	.0 .00 .	12 .34 9	8.8 .14 4	.03	.2 --	206 192	124 0	1.1		
04S/01W-17F06																			
05/22/73	5875 5050	68 F 20 C	450 433	--	--	--	--	--	--	--	--	--	--	--	263	--	--		
04S/01W-18001																			
05/17/73	5875 5050	77 F 25 C	1350 1252	47 2.35 20	5.2 .43 4	208 9.05 76	4.5 .12 1	0 .00 .	256 4.20 36	.3 .01 .	258 7.28 62	10.6 .17 1	3.06	.9 --	623 663	139 0	7.7		
04S/01W-21F01																			
05/09/73 1330	5875 5050	73 F 23 C	370 316	36 1.80 56	3.6 .30 9	24 1.04 33	2.5 .06 2	0 .00 .	165 2.70 84	5.8 .12 4	14 .39 12	.4 .01 .	.02	.1 --	196 167	109 0	1.0		
04S/01W-21P03																			
05/09/73 1300	5875 5050	66 F 19 C	740 712	74 3.69 51	14 1.15 16	51 2.22 31	5.3 .14 2	0 .00 .	227 3.72 52	61 1.27 18	55 1.55 22	40.5 .65 9	.02	.2 --	461 412	242 56	1.4		
04S/01W-21001																			
05/14/73 1330	5875 5050	64 F 18 C	320 305	--	--	--	--	--	--	--	--	--	--	--	167	--	--		
04S/01W-22B01																			
05/09/73 1000	5875 5050	68 F 20 C	420 392	--	--	--	--	--	--	--	--	--	--	--	226	--	--		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REMARKS	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	SIO2	TDS SUM	TM NCH	SAR			
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA																			
05/09/73 0800	Y Y-02 Y-02.B Y-02.B1 04S/01W-23P11 5875 5050	66 F 19 C	7.8	410 428	50 59	6.0 12	27 28	2.7 2	0 0.00	195 74	33 16	14 9	1.0 0.02	.00 --	.2 230	150 0	1.0		
05/14/73 1300	04S/01W-23Q04 5875 5050	68.9F 20.5C	7.9	490 480	57 58	8.0 13	30 27	3.4 2	0 0.00	218 74	37 16	18 11	.3 0.00	.00 --	.4 266 261	175 0	1.0		
05/09/73 0645	04S/01W-25H01 5875 5050	8.0		430 504	66 62	6.7 10	32 26	3.4 2	0 0.00	232 71	58 23	12 6	1.0 0.02	.01 --	.3 279 293	192 2	1.0		
05/09/73 0930	04S/01W-26G01 5875 5050	8.1		540 545	70 62	8.4 12	32 25	3.3 1	0 0.00	225 66	58 22	23 12	4.2 0.07 1	.00 --	.3 310 310	209 25	1.0		
05/15/73 1100	04S/01W-27P04 5875 5050	66 F 19 C	7.4	320 304	35 58	3.8 10	20 29	2.9 2	0 0.00	159 88	1.8 1	11 10	1.4 0.02 1	.00 --	.7 107 154	103 0	0.9	T	
05/15/73 1145	04S/01W-28R02 5875 5050	66 F 19 C	7.5	365 355	36 49	5.6 13	30 36	3.0 2	0 0.00	185 86	.5 0.01	13 11	5.9 0.10 3	.00 --	.5 134 185	113 0	1.2	T	
05/23/73	04S/01W-34F01 5875 5050	8.0		606	79 63	9.0 12	33 23	3.6 1	0 0.00	237 62	63 21	39 17	.6 0.01	.00 --	.3 390 344	234 40	0.9		
11/24/72 1510	04S/01W-35G01 5103 5050	62 F 17 C	8.3	323	43 66	1.5 4	21 07 28	2.9 2	0 0.00	168 82	8.2 5	15 13	1.0 0.02 1	.00 --	.3 211 175	112 0	0.9		
09/27/73 1400	5103 5050	62 F 17 C	8.0	315	46 67	1.3 3	22 28	3.0 2	0 0.00	173 82	14 8	12 10	.0 0.00	.00 --	.4 209 183	120 0	0.9		
05/21/73	04S/01W-36A01 5875 5050	65 F 18 C	7.9	650 650	84 62	11 13	36 23	4.4 2	0 0.00	163 40	181 56	7.7 3	3.6 0.06 1	.00 --	.3 450 408	257 121	1.0		
05/29/73 1600	04S/01W-36G01 5103 5050	66.0F 18.9C	8.0	451	56 61	7.8 14	25 24	2.3 1	0 0.00	180 62	66 29	14 9	.0 0.00	.00 --	.1 294 261	175 26	0.8		
09/27/73 1345	5103 5050	78 F 26 C	7.7	337	30 44	2.0 5	39 49	3.0 2	0 0.00	107 52	43 27	25 21	.0 0.00	.00 --	.4 210 195	84 0	1.9		
05/17/73 1430	04S/02W-02C01 5875 5050	77 F 25 C	7.7	650 651	45 225	7.9 9	92 57	3.0 1	0 0.00	398 93	.0 0.00	12 34	9.0 0.15 2	.06 --	.4 320 365	145 0	3.3		
05/10/73	04S/02W-02K01 5875 5050	8.0		670 650	40 29	6.1 7	99 63	3.1 1	0 0.00	379 91	.0 0.00	16 45	10.8 0.17 2	.09 --	.4 368 361	125 0	3.9		
11/24/72 1500	05S/01W-01C01 5103 5050	68 F 20 C	8.5	434	51 60	2.7 5	32 33	4.3 3	2.0 0.07 2	168 64	38 18	22 14	2.9 0.05 1	.00 --	.4 277 238	138 0	1.2		
05/21/73	5875 5050	68.5F 20.3C	8.0	430 444	51 57	5.6 10	31 30	3.9 2	0 0.00	182 66	52 24	15 9	2.0 0.03 1	.00 --	.3 298 250	150 1	1.1		
05/17/73 0800	05S/01W-02P01 5875 5050	6.7		784	10 25	6.6 54	116 505	7.5 19	0 0.00	256 57	90 25	47 18	1.0 0.02	.00 --	.4 367 432	122 0	4.6		
09/27/73 1015	05S/01W-21A01 5103 5050	75 F 24 C	8.0	758	62 40	17 18	70 40	4.0 1	0 0.00	153 33	117 244	83 234	22.0 0.35 5	.00 --	.8 519 450	222 99	2.0		
04/25/73 1400	Y-02.C Y-02.C1 05S/05W-34G02 5103 5050	76 F 24 C	7.9	357	21 38	7.8 18	43 52	1.4 1	0 0.00	133 65	27 17	18 16	5.0 0.08 2	.00 --	.7 233 190	77 0	2.0	S	
09/26/73 0820	5103 5050	8.0		349	23 32	5.0 11	46 56	.8 1	0 0.00	131 60	36 21	21 16	6.0 0.10 3	.00 --	1.7 204 202	76 0	2.3		

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
					CA	MG	NA	K	CO3	HCO3	CL	NO3	B	F	TDS	TH	SA-	SPM					
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT ELSINORE HYDRO SUBUNIT ELSINORE HYDRO SUBAREA																							
04/25/73 1410	5103 5050	Y Y-02 Y-02.C Y-02.C1 05S/05W-34K01	S	72	F																		
				22	C	8.0	617	3.12	1.24	1.53	.07	.00	2.72	1.57	1.05	.62	.00	.0	410	218	1.1		
						52		21		26		46		26		18		10					
09/26/73 0850	5103 5050		S	72	F																		
				22	C	8.1	480	2.30	.90	1.70	.05	.00	2.38	1.50	.82	.21	.00	1.4	305	181	1.1		
						46		18		34		48		31		17		4					
11/22/72 1230	5103 5050	06S/04W-08K03	S	66.0F																			
				18.9C	8.1	959	3.59	1.89	3.92	.13	.00	2.47	3.27	3.81	.12	.04	.4	623	272	2.4			
						38		20		41		26		34		39		1					
04/27/73 0920	5103 5050		S	70	F																		
				21	C	7.7	932	3.27	1.75	3.95	.10	.00	2.43	3.11	3.45	.10	.00	.1	507	251	2.5		
						36		19		44		27		34		38		1					
09/26/73 1005	5103 5050		S	70	F																		
				21	C	8.1	932	3.19	1.56	4.31	.08	.00	2.26	3.00	3.64	.10	.00	1.0	578	238	2.8		
						35		17		47		25		33		40		1					
11/22/72 1245	5103 5050	06S/04W-16C01	S	61.0F																			
				16.1C	8.1	838	2.10	.81	4.79	.18	.00	2.88	3.02	2.06	.13	.20	.6	531	146	4.0			
						27		10		61		36		37		25		2					
04/27/73 1020	5103 5050		S	66	F																		
				19	C	8.1	605	1.33	.94	3.65	.12	.00	2.56	1.71	1.31	.09	.10	.2	366	105	3.6		
						23		13		62		45		30		23		2					
09/26/73 1120	5103 5050		S	70	F																		
				21	C	8.0	762	1.90	.90	4.87	.10	.00	2.52	2.58	2.31	.08	.00	.6	514	141	4.1		
						24		12		63		34		34		31		1					
06/14/73 1135	5103 5050	06S/04W-22M05	S	76	F																		
				24	C	8.0	550	1.11	.63	2.90	.03	.00	1.61	.79	2.56	.03	.00	1.5	315	111	3.1		
						24		13		62		32		16		51		1					
11/22/72 1305	5103 5050	06S/04W-27P01	S	78.0F																			
				25.5C	7.8	550	1.45	.82	2.70	.05	.00	2.84	.46	1.64	.23	.02	.7	353	113	2.5			
						29		10		62		22		58		14.0							
04/27/73 1115	5103 5050		S	76	F																		
				24	C	8.1	1259	7.31	2.28	4.08	.04	.00	4.97	4.38	2.71	.89	.10	.0	883	467	1.9		
						53		17		30		38		34		21		7					
09/26/73 1135	5103 5050		S	78	F																		
				26	C	8.0	530	1.45	.82	3.05	.03	.00	2.87	.45	1.78	.24	.00	1.2	388	112	2.9		
						27		15		57		54		8		33		4					
11/22/72 1105	5103 5050	06S/05W-02M03	S	72.0F																			
				22.2C	7.8	606	3.24	.92	1.52	.04	.00	2.39	3.19	.31	.02	.01	.5	435	209	1.1			
						57		16		27		40		54		5							
09/26/73 0105	5103 5050		S	74	F																		
				23	C	8.2	586	3.19	1.15	1.87	.05	.00	2.34	3.04	.65	.01	.00	1.1	378	216	1.3		
						51		18		30		39		50		11							
04/25/73 1510	5103 5050	06S/05W-03M01	S	70	F																		
				21	C	8.2	657	3.13	2.20	1.52	.04	.00	3.67	2.33	.90	.01	.10	.0	459	267	0.9		
						45		32		22		53		34		13							
09/26/73 0935	5103 5050		S	74	F																		
				23	C	8.3	675	3.44	2.38	1.65	.03	.00	3.72	2.85	1.04	.01	.00	.9	507	293	1.0		
						46		32		22		49		37		14							
04/25/73 1445	5103 5050	06S/05W-03M01	S	70	F																		
				21	C	7.9	749	3.64	2.32	1.76	.05	.00	3.36	3.09	1.06	.30	.00	.1	521	298	1.0		
						47		30		23		43		40		14		4					
09/26/73 1030	5103 5050		S	78	F																		
				26	C	8.2	781	4.24	2.47	1.83	.04	.00	2.93	4.14	1.07	.39	.00	1.0	554	336	1.0		
						49		29		21		34		49		13		5					



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	CO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR		
.....																			
	Z Z-01 Z-01.A Z-01.A3 07S/08W-32L02			SAN DIEGO DRAINAGE PROVINCE SAN JUAN HYDRO UNIT LAGUNA HYDRO SUBUNIT ALISO HYDRO SUBAREA															
10/02/72	5102 5868				193 9.63 17	194 16.00 28	715 31.10 55	10 .27	--	483 7.92 14	1344 27.98 50	720 20.30 36	.2 .00	1.13 22.0			1285		8.7
09/18/73	5134 5868			7.3	191 9.53 17	186 15.34 28	692 30.10 54	11 .30 1	0 .00	464 7.60 14	1302 27.11 50	704 19.85 36	1.0 .02	.43 21.0	1.0		3338	1244 864	8.5
	Z-01.B			SAN JUAN HYDRO SUBUNIT															
03/29/73	5102 5868			7.2	42 2.10 54	11 .90 23	20 .87 22	1.8 .05 1	--	104 1.70 44	88 1.83 48	11 .31 8	.7 .01	.09 13.0			149		0.7
09/26/73	5134 5868			8.8	39 1.95 8	92 7.57 30	360 15.66 62	6.4 .16 1	9.0 .30 1	150 2.46 10	629 13.10 52	335 9.45 37	.1 .00	.3 2.0			1547	476 338	7.2
09/20/73	5134 5868			8.0	198 9.88 56	39 3.27 19	101 4.39 25	4.0 .10 1	0 .00	293 4.80 27	432 8.99 51	126 3.55 20	11.7 .19 1	.08 25.0		.3	1082	458 418	1.7
09/20/73	5134 5868			8.1	268 13.37 45	77 6.35 22	220 9.57 32	6.6 .17 1	0 .00	260 4.26 15	751 15.64 54	316 8.91 31	4.7 .08	.15 16.0		.4	1787	987 774	3.0
09/23/73	5134 5868			8.1	301 15.02 51	73 6.04 20	195 8.48 29	6.5 .17 1	0 .00	389 6.38 22	752 15.66 54	248 6.99 24	.1 .00	.26 22.0		.5	1790	1054 735	2.6
06/18/73	5050 0930	70 F 21 C		3.4	666 33.23 19	430 35.36 20	2391 104.01 60	47 1.20 1	0 .00	0 .00	749 7.27 4	5759 162.40 96	1.0 .02	.34 --	.4		11839 9643	3430 3432	17.8
10/16/72	09S/04W-24H01			7.6	208 10.38 33	131 10.77 34	232 10.09 32	13 .33 1	0 .00	281 4.61 14	486 14.28 45	440 12.41 39	44.0 .71 2	-- 19.0	.8		1900 1911	1060 82P	3.1
04/30/73	5103 1245	68 F 20 C		8.2	35 1.78 30	22 1.82 30	52 2.30 38	3.1 .08 1	0 .00	169 2.77 50	60 1.26 23	43 1.22 22	19.0 .31 6	.10 --	1.0		377 320	180 42	1.7
09/27/73	5103 1130	78 F 26 C		8.1	42 2.10 36	14 1.15 20	58 2.52 43	2.0 .05 1	0 .00	173 2.84 48	71 1.48 25	46 1.30 22	21.0 .34 6	.00 --	.5		380 339	162 21	2.0
08/22/73	5103 5050	63.5F 17.5C		7.4	140 6.99 47	54 4.47 30	69 3.02 21	9.4 .24 2	0 .00	157 2.57 18	460 9.59 65	88 2.49 17	.5 .01	.00 --	1.1		1003 900	574 445	1.3
08/17/73	5000 1200	81 F 27 C		7.6	127 6.37 52	40 3.32 27	52 2.26 19	7.8 .20 2	0 .00	193 3.16 27	384 8.00 67	26 .74 6	.0 .00	.00 --	1.0		780 733	485 327	1.0
08/02/73	5000 1030	68 F 20 C		7.9	38 1.93 35	17 1.43 26	47 2.08 37	4.7 .12 1	0 .00	234 3.84 72	9.9 .21 4	36 1.03 19	16.4 .26 5	.10 --	1.0		289 287	168 0	1.6
08/02/73	5000 1040	63 F 17 C		8.2	27 1.35 32	16 1.33 31	34 1.50 35	3.1 .08 2	0 .00	160 2.62 64	12 .26 8	23 .66 16	33.8 .55 13	.10 --	1.2		211 229	134 3	1.3
07/16/73	5000 1300			8.1	29 1.47 37	13 1.12 28	30 1.32 33	2.0 .05 1	0 .00	135 2.21 57	18 .39 10	40 1.15 29	9.5 .15 4	.00 --	.9		226 211	130 19	1.2
08/01/73	5000 0920	66 F 19 C		7.8	24 1.31 30	13 1.12 26	42 1.86 43	2.7 .07 2	0 .00	144 2.36 57	17 .36 9	46 1.32 32	4.8 .08 2	.00 --	.9		230 225	122 4	1.7
																			S

## MINERAL ANALYSES OF GROUND WATER

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE E-2 MINOR ELEMENT ANALYSES OF GROUND WATER

The CONSTITUENTS are as follows:

Arsenic	Chromium	Mercury
Barium	Copper	Lead
Cadmium	Iron	Selenium
Chromium Hexavalent	Manganese	Silver
		Zinc

The LAB and SAMPLER codes are as follows:

1200 -- Los Angeles Department of Water and Power  
4206 -- Long Beach Water Department  
4790 -- Babcock Lab  
5050 -- Department of Water Resources  
5088 -- Santa Ana River Basin Regional W.Q.C.B. (No. 8)  
5089 -- San Diego Regional W.Q.C.B. (No. 9)  
5121 -- Ventura County Flood Control District  
5867 -- Fruit Growers Lab  
5877 -- Environmental Engineering Lab. Inc., Chula Vista  
5999 -- Unknown

Explanation of NUMBER used to indicate the AMOUNT of CONSTITUENT in a sample:

**EXAMPLE**

0.05     D = 0.05 milligrams per liter: Dissolved  
0.0014   T = 0.0014 milligrams per liter: Total



TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
CENTRAL COASTAL DRAINAGE PROVINCE												
T-10												
T-10.8												
T-10.83												
30S/11F-17H03 M												
06/05/73	5050				--	--	--	0.00	T	--	--	--
	5050											
30S/11E-21D04 M												
06/06/73	5050				--	--	--	1.1	T	--	--	--
	1000	5050										
T-12												
T-12.C												
07N/23W-21R01 S												
05/04/73	5121			69.0F	--	--	--	0.1	T	0.0	T	--
	1030	5867										
07N/24W-12Q02S S												
05/04/73	5121			60.0F	--	--	--	0.0	T	0.0	T	--
	1205	5867										
08N/23W-14J01S S												
05/03/73	5121			60.0F	--	--	--	0.0	T	0.0	T	--
	1330	5867										
08N/24W-16B01S S												
05/03/73	5121			58.0F	--	--	--	0.5	T	0.33	T	--
	1100	5867										

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	USCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER				LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON				
LOS ANGELES DRAINAGE PROVINCE												
VENTURA RIVER HYDRO UNIT												
UPPER VENTURA RIVER HYDRO SUBUNIT												
U-02												
U-02.B												
04N/22W-16K07 S												
06/14/73 0830	5050 5050			69.0F	--	0.1 0.00	D D	-- --	0.00 0.01	D D	0.00 0.00	D D
04N/23W-15A02 S												
10/03/72 5121 5867					--	--	--	--	1.0 0.0	T T	-- --	-- --
04N/23W-16C01 S												
06/14/73 0800	5050 5050			64.0F	--	0.1 0.00	D D	-- --	0.00 0.02	D D	0.00 0.00	D D
04N/23W-16C06 S												
06/14/73 5050 5050				64.0F	0.00 T	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04N/23W-20J02 S												
10/03/72 5121 5867					--	--	--	--	0.2 0.0	T T	-- --	-- --
04N/23W-29F02 S												
06/14/73 0715	5050 5050			63.0F	--	0.1 0.00	D D	-- --	0.00 0.02	D D	0.00 0.00	D D
04N/23W-32J06 S												
06/14/73 0645	5050 5050			65.0F	--	0.1 0.00	D D	-- --	0.01 0.30	D D	0.00 0.00	D D
04N/23W-33M03 S												
10/03/72 5121 5867					--	--	--	--	0.0 0.0	T T	-- --	-- --
U-02.C												
U-02.C1												
04N/22W-10K02 S												
10/03/72 5121 5867					--	--	--	--	0.0 0.07	T T	-- --	-- --
06/14/73 1015	5050 5050			66.0F	--	0.0 0.00	D D	-- --	0.01 0.02	D D	0.00 0.59	D D
04N/22W-11P02 S												
10/03/72 5121 5867					--	--	--	--	5.6 0.20	T T	-- --	-- --
04N/22W-12F01 S												
10/03/72 5121 5867					--	--	--	--	0.0 0.0	T T	-- --	-- --
04N/22W-16K07 S												
06/14/73 0830	5050 5050			69.0F	0.00 T	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04N/22W-17G01 S												
10/03/72 5121 5867					--	--	--	--	2.5 0.22	T T	-- --	-- --
U-02.C2												
04N/22W-05L08 S												
06/14/73 0900	5050 5050			66.0F	--	0.0 0.00	D D	-- --	0.00 0.04	D D	0.00 0.00	D D
04N/22W-06M03 S												
06/14/73 0930	5050 5050			64.0F	--	0.1 0.00	D D	-- --	0.02 0.97	D D	0.00 0.00	D D
05N/23W-33G01 S												
10/03/72 5121 5867					--	--	--	--	0.0 0.0	T T	-- --	-- --
U-03												
U-03.A												
U-03.A1												
01N/21W-04N02 S												
10/02/72 5121 5867					--	--	--	--	0.0 0.0	T T	-- --	-- --
01N/21W-07H01 S												
10/07/72 5121 5867					--	--	--	--	0.1 0.33	T T	-- --	-- --
01N/21W-09D02 S												
06/13/73 1330	5050 5050			67.0F	--	0.1 0.00	D D	-- --	0.00 0.23	D D	0.00 0.25	D D

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
U U-03 U-03.A U-03.A1 01N/21W-19J03 S												
LOS ANGELES DRAINAGE PROVINCE						CONTINUED						
SANTA CLARA-CALLEGUAS HYDRO UNIT												
OXNARD PLAIN HYDRO SUBUNIT												
OXNARD HYDRO SUBAREA												
06/13/73	5050			69.0F	--	0.0 D	--	0.00 D	0.00 D	--	0.00 D	
1300	5050				--	0.00 D	--	1.4 D	0.78 D	0.00 D	0.00 D	
01N/21W-20C05 S												
10/05/72	5121				--	--	--	0.4 T	0.18 T	--	--	
5867					--	--	--					
01N/21W-29K02 S												
10/03/72	5121				--	--	--	0.4 T	0.8 T	--	--	
5867					--	--	--					
01N/21W-31J01 S												
04/26/73	5121				--	--	--	0.028 T	--	--	--	
5999					--	--	--	0.123 T	0.011 T	--	--	
01N/21W-31L01 S												
04/26/73	5121				--	--	--	0.070 T	--	--	--	
5999					--	--	--	0.350 T	0.035 T	--	--	
01N/21W-32A01 S												
04/26/73	5121				--	--	--	0.080 T	--	--	--	
5999					--	--	--	0.108 T	0.005 T	--	--	
01N/21W-32C01 S												
04/26/73	5121				--	--	--	0.041 T	--	--	--	
5999					--	--	--	0.247 T	0.018 T	--	--	
01N/21W-32K01 S												
04/26/73	5121				--	--	--	0.120 T	--	--	--	
5999					--	--	--	0.317 T	0.005 T	--	--	
01N/22W-07J04 S												
06/13/73	5050			69.0F	--	0.1 D	--	0.00 D	0.00 D	--	0.00 D	
1130	5050				--	0.00 D	--	0.70 D	0.34 D	0.00 D	0.37 D	
01N/22W-16D04 S												
04/18/73	5121				--	--	--	1.0	0.11	--	--	
01N/22W-18P01 S												
11/13/72	5121				--	--	--	0.9	0.18	--	--	
01N/22W-19A01 S												
11/13/72	5121				--	--	--	0.75	0.15	--	--	
01N/22W-21R03 S												
04/18/73	5121				--	--	--	0.6	0.27	--	--	
02N/22W-12F01 S												
06/13/73	5050			66.0F	--	0.1 D	--	0.00 D	0.00 D	--	0.00 D	
1200	5050				--	0.00 D	--	1.3 D	0.08 D	0.00 D	0.02 D	
02N/22W-14L05 S												
06/13/73	5050			61.0F	--	0.1 D	--	0.00 D	0.00 D	--	0.00 D	
0930	5050				--	0.00 D	--	0.08 D	0.01 D	0.00 D	0.00 D	
02N/22W-15Q01 S												
06/13/73	5050			62.5F	--	0.0 D	--	0.00 D	0.00 D	--	0.00 D	
1000	5050				--	0.00 D	--	0.01 D	0.00 D	0.00 D	0.00 D	
02N/22W-16L03 S												
06/13/73	5050			64.0F	--	0.2 D	--	0.00 D	0.00 D	--	0.00 D	
1045	5050				--	0.00 D	--	0.04 D	0.00 D	0.00 D	0.01 D	
02N/22W-26M01 S												
10/06/72	5121				--	--	--	0.0 T	0.0 T	--	--	
5867					--	--	--					
02N/22W-28L01 S												
10/07/72	5121				--	--	--	0.0 T	0.0 T	--	--	
5867					--	--	--					
02N/22W-29G01 S												
10/09/72	5121				--	--	--	0.0 T	0.0 T	--	--	
5867					--	--	--					
02N/22W-30H01 S												
10/06/72	5121				--	--	--	0.0 T	0.0 T	--	--	
5867					--	--	--					



TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA												
CONTINUED												
10/09/72	5121 5867				--	--	--	0.0 T	0.06 T	--	--	
		02N/22W-32R02	S									
10/08/72	5121 5867				--	--	--	1.2 T	0.0 T	--	--	
		02N/23W-25G02	S									
10/08/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
		01N/21W-01B04	S									
10/02/72	5121 5867				--	--	--	2.7 T	0.09 T	--	--	
		01N/21W-03N02	S									
10/01/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
		01N/21W-16B02	S									
10/04/72	5121 5867				--	--	--	0.2 T	0.10 T	--	--	
		01N/21W-22H01	S									
10/04/72	5121 5867				--	--	--	0.4 T	0.56 T	--	--	
		02N/20W-33L01	S									
10/02/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
		02N/21W-27M04	S									
10/04/72	5121 5867				--	--	--	0.5 T	0.4 T	--	--	
		02N/22W-10A02	S									
06/13/73	5050 0900		76.0F		--	0.1 D 0.00 D	--	0.00 D 0.09 D	0.00 D 0.10 D	-- 0.00 D	0.00 D 0.00 D	
		03N/21W-16K01	S									
06/13/73	5050 0700		65.0F		--	0.1 D 0.00 D	--	0.00 D 0.00 D	0.00 D 0.07 D	-- 0.01 D	0.00 D 0.00 D	
		03N/20W-02H05	S									
06/14/73	5050 1330		66.0F		--	0.1 D 0.00 D	--	0.00 D 0.00 D	0.01 D 0.00 D	-- 0.00 D	0.00 D 1.8 D	
		04N/20W-33F01	S									
06/14/73	5050 5050		68.0F		0.00 T	--	--	--	--	--	--	
06/14/73	5050 1200		68.0F		--	0.1 D 0.00 D	--	0.00 D 0.32 D	0.00 D 0.00 D	-- 0.00 D	0.00 D 0.00 D	
		04N/20W-36D05	S									
06/14/73	5050 1230		66.0F		--	0.3 D 0.00 D	--	0.00 D 0.00 D	0.00 D 0.39 D	-- 0.00 D	0.00 D 0.00 D	
		04N/18W-28C02	S									
06/14/73	5050 1500		68.0F		--	0.1 D 0.00 D	--	0.00 D 0.70 D	0.00 D 0.00 D	-- 0.00 D	0.00 D 0.02 D	
		04N/18W-30M03	S									
06/14/73	5050 1400		63.0F		--	0.1 D 0.00 D	--	0.00 D 0.14 D	0.00 D 0.00 D	-- 0.00 D	0.00 D 0.02 D	
		04N/21W-22A01S	S									
06/06/73	5121 1245		64.0F		0.20	--	--	0.0 T	0.0 T	--	--	
		04N/21W-23M02	S									
06/06/73	5121 1240				0.03	--	--	0.0 T	0.0 T	--	--	

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
U U-03 U-03.D U-03.04 08N/21W-23Q01 S												
LOS ANGELES DRAINAGE PROVINCE					CONTINUED							
SANTA CLARA-CALLEGUAS HYDRO UNIT												
PIRU HYDRO SUBUNIT												
STAUFFER HYDRO SUBAREA												
06/06/73 5121 1220 5867					0.03	--	--	0.0	T	0.0	T	--
08N/21W-26B01 S												
06/28/73 5121 1300 5867					0.04	--	--	0.2	T	0.0	T	--
08N/21W-26H02 S												
06/06/73 5121 1340 5867				67.0F	0.02	--	--	0.1	T	0.0	T	--
08N/21W-33K01 S												
06/28/73 5121 1215 5867					--	--	--	0.0	T	0.0	T	--
U-03.E U-03.E1 04N/16W-21D01 S												
UPPER SANTA CLARA R HYDRO SUBUNIT												
EASTERN HYDRO SUBAREA												
06/06/73 5050 0715 5050				63.0F	0.00	T	--	--	--	--	--	--
06/06/73 5050 0715 5050				63.0F	--	0.0	D	0.00	D	0.00	D	0.00
04N/16W-34A03 S												
06/06/73 5050 0800 5050				74.0F	--	0.0	D	0.00	D	0.00	D	0.00
06/06/73 5050 0800 5050				74.0F	--	0.00	D	0.28	D	0.30	D	0.00
06/06/73 5050 0800 5050				74.0F	0.00	T	--	--	--	--	--	--
U-03.F U-03.F1 02N/21W-12H01 S												
CALLEGUAS-CONEJO HYDRO SUBUNIT												
WEST LAS POSAS HYDRO SUBAREA												
10/03/72 5121 5867					--	--	--	0.0	T	0.05	T	--
02N/21W-22E01 S												
10/05/72 5121 5867					--	--	--	0.0	T	0.0	T	--
U-03.F2 02N/20W-08H01 S												
EAST LAS POSAS HYDRO SUBAREA												
06/12/73 5050 1300 5050				74.0F	--	0.1	D	0.01	D	0.00	D	0.00
02N/20W-09Q01 S												
06/12/73 5050 1230 5050				75.0F	0.00	T	--	--	--	--	--	--
02N/20W-10D02 S												
06/12/73 5050 1200 5050				75.0F	--	0.1	D	0.00	D	0.00	D	0.00
03N/19W-19N03 S												
06/12/73 5050 0930 5050				68.0F	--	0.1	D	0.00	D	0.00	D	0.00
03N/19W-29F07 S												
06/12/73 5050 0900 5050				70.0F	--	0.1	D	0.00	D	0.00	D	0.00
03N/19W-31F01 S												
06/12/73 5050 1100 5050				78.0F	--	0.1	D	0.00	D	0.00	D	0.00
03N/20W-24P01 S												
06/12/73 5050 1000 5050				73.0F	--	0.1	D	0.01	D	0.00	D	0.00
03N/20W-28J02 S												
06/05/73 5121 5050					--	--	--	0.02	T	--	--	--
U-03.F3 02N/19W-19J04 S												
ARROYO SANTA ROSA HYDRO SUBAREA												
10/01/72 5121 5867					--	--	--	0.0	T	0.0	T	--
02N/19W-19P01 S												
10/02/72 5121 5867					--	--	--	0.0	T	0.0	T	--

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS PER LITER CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	RFM
	U					LOS ANGELES DRAINAGE PROVINCE						
	U-03					SANTA CLARA-CALLEGUAS HYDRO UNIT						
	U-03.F					CALLEGUAS-CONEJO HYDRO SUBUNIT						
	U-03.F3					ARROYO SANTA ROSA HYDRO SUBAREA						
	02N/20W-22K01		S									
10/03/72	5121											
	5867				--	--	--	0.0	T	0.0	T	--
	02N/20W-23H01		S									
10/04/72	5121				--	--	--	0.5	T	0.0	T	--
	5867											
	02N/20W-23L03		S									
10/02/72	5121				--	--	--	0.0		0.0	T	--
	5867											
	02N/20W-23R01		S									
10/04/72	5121				--	--	--	0.0	T	0.0	T	--
	5867											
	02N/20W-25C01		S									
06/12/73	5050			66.0F	--	0.0	D	0.01	D	0.00	D	0.00
	1400	5050				0.00	D	0.02	D	0.00	D	0.00
	02N/20W-25D05		S									
06/12/73	5050			69.0F	--	0.0	D	0.01	D	0.00	D	0.00
	1445	5050				0.00	D	0.01	D	0.00	D	0.72
	U-03.F4					CONEJO VALLEY HYDRO SUBAREA						
	01N/20W-03J01		S									
10/01/72	5121				--	--	--	0.0	T	0.0	T	--
	5867											
	U-03.F7					SIMI VALLEY HYDRO SUBAREA						
	02N/17W-08J06		S									
06/12/73	5050			70.0F	--	0.1	D	0.00	D	0.00	D	0.00
	0700	5050				0.00	D	0.83	D	0.13	D	0.14
	U-03.F8					THOUSAND OAKS HYDRO SUBAREA						
	02N/18W-31K01		S									
10/06/72	5121				--	--	--	0.0	T	0.0	T	--
	1300	5867										
	U-04					MALIBU HYDRO UNIT						
	U-04.R					MALIBU CREEK HYDRO SUBUNIT						
	U-04.R6					SHERRWOOD HYDRO SUBAREA						
	01N/20W-25E02		S									
10/10/72	5121				--	--	--	0.2	T	0.0	T	--
	1400	5867										
	U-05					LA-SAN GABRIEL RIVER HYDRO UNIT						
	U-05.A					COASTAL PL OF LA CO HYDRO SUBUNIT						
	U-05.A2					WEST COAST HYDRO SUBAREA						
	02S/13W-32R13		S									
06/07/73	5050			71.0F	--	0.0	D	0.00	D	0.00	D	0.00
	1345	5050				0.00	D	0.06	D	0.03	D	0.00
	03S/13W-19K02		S									
06/07/73	5050			80.0F	0.00	T	--	--	--	--	--	--
	1300	5050										
	03S/13W-29D06		S									
06/07/73	5050				0.00	T	--	--	--	--	--	--
	1230	5050										
	04S/13W-19J06		S									
06/07/73	5050			75.0F	0.00	T	--	--	--	--	--	--
	1200	5050										
	04S/14W-10D02		S									
06/07/73	5050			70.0F	0.00	T	--	--	--	--	--	--
	1100	5050										
	U-05.A3					SANTA MONICA HYDRO SUBAREA						
	01S/14W-32M06		S									
06/07/73	5050			72.0F	--	0.0	D	0.01	D	0.00	D	0.00
	0915	5050				0.00	D	0.22	D	0.02	D	0.00
	01S/15W-33D04		S									
06/07/73	5050			67.0F	0.00	T	--	--	--	--	--	--
	0755	5050										
	02S/15W-12B03		S									
06/07/73	5050			66.0F	0.00	T	--	--	--	--	--	--
	1045	5050										
	U-05.A5					CENTRAL HYDRO SUBAREA						
	01S/14W-32M06		S									
06/07/73	5050			72.0F	0.00	T	--	--	--	--	--	--
	0915	5050										

CONTINUED



TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	BARIUM	CADMIUM	CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
U U-05 U-05.A U-05.A5 02S/13W-05801 S													
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA													
CONTINUED													
06/07/73 1430	5050 5050			70.0F	0.00	T	--	--	--	--	--	--	
02S/13W-13E05 S													
06/06/73 1430	5050 5050			66.0F	0.00	T	--	--	--	--	--	--	
02S/13W-32R13 S													
06/07/73 1345	5050 5050			71.0F	0.00	D	--	--	--	--	--	--	
03S/12W-05D03 S													
06/06/73 1330	5050 5050			78.0F	0.00	T	--	--	--	--	--	--	
03S/12W-17L03 S													
06/06/73 1300	5050 5050			66.0F	0.00	T	--	--	--	--	--	--	
03S/12W-26L02 S													
06/05/73 0730	5050 5050			63.0F	0.00	T	--	--	--	--	--	--	
03S/13W-25K02 S													
06/06/73 1230	5050 5050			67.0F	0.00	T	--	--	--	--	--	--	
04S/12W-06J01 S													
04/03/73 4206	4206				--	--	--	--	0.01 0.00	D D	--	--	0.01
09/04/73 4206	4206			26.0C	--	--	--	--	0.01 0.01	D D	--	--	0.00
04S/12W-06J02 S													
06/04/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.00
04S/12W-06K01 S													
03/21/73 4206	4206				--	--	--	--	0.00 0.02	D D	--	--	0.00
04S/12W-06K02 S													
01/30/73 4206	4206				--	--	--	--	0.00	D	--	--	0.06
08/01/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.00
04S/12W-06K04 S													
03/21/73 4206	4206				--	--	--	--	0.01 0.00	D D	--	--	0.00
04S/12W-13C03 S													
04/03/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.02
07/03/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.00
04S/12W-13D03 S													
03/06/73 4206	4206				--	--	--	--	0.04 0.00	D D	--	--	0.01
06/05/73 4206	4206				--	--	--	--	0.01 0.00	D D	--	--	0.00
07/03/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.00
04S/12W-13N02 S													
01/31/73 4206	4206				--	--	--	--	0.00	D	--	--	0.03
08/01/73 4206	4206				--	--	--	--	0.00 0.00	D D	--	--	0.00
04S/12W-14A02 S													
01/30/73 4206	4206				--	--	--	--	0.00	D	--	--	0.01
09/04/73 4206	4206			22.0C	--	--	--	--	0.03 0.00	D D	--	--	0.01

TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH FC	TEMP °F	CONSTITUENTS IN MILLIGRAMS PER LITER					LEAD MANGANESE	MERCURY SELENIUM	SILICON /TIC	PH
					ARSENIC	BARIUM CADMIUM	CHLORIDE (CL)	COPPER IRON					
	U 11-05 11-05.A 11-05.A5 04S/12W-14C02	S			LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA					CONTINUED			
06/05/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
07/31/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-14C05 S												
01/30/73	4206 4206				--	--	--	-- 0.00	0 0	-- --	-- --	-- 0.03	
09/04/73	4206 4206			23.00	--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-14K01 S												
03/26/73	4206 4206				--	--	--	0.00 0.03	0 0	-- --	-- --	-- 0.00	
	04S/12W-14K01 S												
03/22/73	4206 4206				--	--	--	0.03 0.00	0 0	-- --	-- --	-- 0.01	
	04S/12W-16J01 S												
05/01/73	4206 4206				--	--	--	-- 0.01	0 0	-- --	-- --	-- 0.01	
08/01/73	4206 4206				--	--	--	0.04 0.00	0 0	-- --	-- --	-- 0.02	
	04S/12W-16P01 S												
01/31/73	4206 4206				--	--	--	-- 0.00	0 0	-- --	-- --	-- 0.00	
04/01/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-17F01 S												
06/05/73	4206 4206				--	--	--	0.00 0.02	0 0	-- --	-- --	-- 0.02	
07/03/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-17P02 S												
03/19/73	4206 4206				--	--	--	0.04 0.03	0 0	-- --	-- --	-- 0.00	
	04S/12W-17P03 S												
05/01/73	4206 4206				--	--	--	-- 0.03	0 0	-- --	-- --	-- 0.00	
07/03/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-17L01 S												
06/05/73	4206 4206				--	--	--	0.00 0.01	0 0	-- --	-- --	-- 0.00	
07/31/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	
	04S/12W-20K01 S												
03/22/73	4206 4206				--	--	--	0.04 0.02	0 0	-- --	-- --	-- 0.00	
	04S/12W-20J04 S												
03/19/73	4206 4206				--	--	--	0.10 0.09	0 0	-- --	-- --	-- 0.00	
	04S/12W-23K05 S												
03/15/73	4206 4206				--	--	--	0.01 0.00	0 0	-- --	-- --	-- 0.01	
	04S/12W-23C01 S												
01/30/73	4206 4206				--	--	--	-- 0.00	0 0	-- --	-- --	-- 0.15	
04/04/73	4206 4206			26.50	--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.01	
	04S/12W-23K03 S												
01/31/73	4206 4206				--	--	--	-- 0.01	0 0	-- --	-- --	-- 0.01	
01/31/73	4206 4206				--	--	--	0.00 0.00	0 0	-- --	-- --	-- 0.00	

#### MINOR ELEMENT ANALYSIS OF GROUND WATER

SEE PAGE 462 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM CHROM	(ALL) (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM

TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
Y											
Y-01											
Y-01.8											
Y-01.81											
025/06W-01001	S										
10/02/72 5088					--	0.05	0	--	--	--	
4790				--	--	0.04	0	0.34	0	--	--
12/04/72 5088				--	--	0.0	0	--	--	--	--
4790				--	--	0.0	0	0.0	0	--	--
025/06W-12K01	S										
12/04/72 5088				--	--	0.00	0	--	--	--	--
4790				--	--	0.00	0	0.00	0	--	--

TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS PER LITER CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
	Z					SAN DIEGO DRAINAGE PROVINCE						
	Z-07					SAN DIEGO HYDRO UNIT						
	Z-07.A					LOWER SAN DIEGO HYDRO SUBUNIT						
	Z-07.A2					SANTEE HYDRO SURAREA						
	15S/01W-30M01	S										
08/23/73	5089				--	--	--	--	--	--	--	
	5877				--	--	--	0.17 D	0. D	--	--	



TABLE E-3

## MISCELLANEOUS CONSTITUENTS IN GROUND WATER

## Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees of Fahrenheit (F) or Celsius (C)
EC	- Electrical conductance in micromhos at 25° Celsius
pH	- Measure of acidity or alkalinity of water: F - Field; L - Lab
DO	- Dissolved oxygen content in milligrams per liter
G.H.	- Instantaneous gage height in feet above an established datum
DISCHARGE	- Instantaneous discharge in cubic feet per second
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter: L - Linear alkylate sulfonate; A - Alkyl benzene sulfonate
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L): F - Field; L - Lab
BOD	- Biochemical oxygen demand in milligrams per liter: A - 4 days; B - 5 days; C - 6 days; D - 7 days; E - 100 days; F - other
SUS S	- Suspended solids in milligrams per liter: 5 - at 105° C; 8 - at 108° C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
T ODOR	- Threshold odor number at 60° C
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter

## Other Constituents

CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
IODIDE	- Iodide in milligrams per liter
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter

The LAB and SAMPLER codes are as follows:

1200 - Los Angeles Department of Water and Power

TABLE E-3 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN GROUND WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	SET S			BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF		
						T+L CHLOR	O+G COLOR	ML/L MG/L									
		U				LOS ANGELES DRAINAGE PROVINCE											
		U-05				LA-SAN GABRIEL RIVER HYDRO UNIT											
		U-05.8				SAN FERNANDO HYDRO SUBUNIT											
		U-05.81				SAN FERNANDO HYDRO SUBAREA											
		01N/13W-33N02	S														
11/30/72	1200						--	--	--	--	--	--	--	--	--		
	1200			7.3	0.05 L		--	15	--	--	--	--	0	--	--		
		01N/13W-33N03	S														
11/30/72	1200						--	--	--	--	--	--	--	--	--		
	1200			7.6	0.05 L		--	1	--	--	--	--	0	--	--		
		01N/14W-06K02	S														
10/05/72	1200	20.5C	10.0	7.8			--	--	--	1.0 R	--	--	--	--	--		
	1200			7.9	0.03 L		--	1	--	--	--	--	0	--	--		
		01N/14W-06N01	S														
10/05/72	1200	16.5C	11.8	7.6			--	--	--	1.4 R	--	--	--	--	--		
	1200			7.7	0.03 L		--	1	--	--	--	--	0	--	--		
		01N/14W-16D01	S														
10/05/72	1200	21 C	8.4	7.6			--	--	--	1.0 R	--	--	--	--	--		
	1200			7.7	0.03 L		--	1	--	--	--	--	0	--	--		
		01N/14W-24F06	S														
10/20/72	1200	21 C	4.6	7.4			--	--	--	0.1 R	--	--	--	--	--		
	1200			7.4	0.03 L		--	1	--	--	--	--	0	--	--		
		01N/15W-01Q02	S														
10/05/72	1200	21 C		7.6	0.03 L		--	--	--	1.0 P	--	--	--	--	--		
	1200						--	1	--	--	--	--	0	--	--		
		01N/15W-02Q01	S														
10/05/72	1200	25 C	1.8	7.6			--	--	--	0.5 R	--	--	--	--	--		
	1200			7.6	0.03 L		--	1	--	--	--	--	0	--	--		
		01N/16W-03Q03	S														
10/26/72	1200	21.5C	12.0	7.5			--	--	--	1.4 R	--	--	--	--	--		
	1200			7.2	0.03 L		--	1	--	--	--	--	0	--	--		
		02N/14W-27F02	S														
10/26/72	1200	22 C	6.2	7.6			--	--	--	0.9 R	--	--	--	--	--		
	1200			7.3	0.3 L		--	1	--	--	--	--	0	--	--		
		02N/16W-27P02	S														
10/26/72	1200	21.5C	4.2	7.6			--	--	--	0.9 R	--	--	--	--	--		
	1200			7.3	0.03 L		--	1	--	--	--	--	0	--	--		
		02N/16W-34K02	S														
10/26/72	1200	21 C	1.2	7.6			--	--	--	0.4 R	--	--	--	--	--		
	1200			7.3	0.03 L		--	1	--	--	--	--	0	--	--		
		01S/13W-04K01	S														
10/26/72	1200	21.5C	4.2	7.4			--	--	--	1.4 R	--	--	--	--	--		
	1200			7.2	0.03 L		--	8	--	--	--	--	0	--	--		
		01S/13W-04L03	S														
10/26/72	1200	21 C	3.2	7.6			--	--	--	0.6 R	--	--	--	--	--		
	1200			7.2	0.03 L		--	3	--	--	--	--	0	--	--		
		U-05.82				SYLMAR HYDRO SUBAREA											
		02N/15W-04R09	S														
11/09/72	1200	20.5C	6.6	7.8			--	--	--	0.9 R	--	--	--	--	--		
	1200			7.8	0.03 L		--	1	--	--	--	--	0	--	--		
		U-05.83				TUJUNGA HYDRO SUBAREA											
		02N/14W-13F04	S														
10/30/72	1200	20.5C	7.8	7.1			--	--	--	0.9 R	--	--	--	--	--		
	1200			7.0	0.03 L		--	1	--	--	--	--	0	--	--		

TABLE E-4  
NUTRIENT ANALYSIS OF GROUND WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
G.H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) and Celsius (C)
TURB	- Jackson Turbidity Units measured with a Hellige Turbidimeter (E) or a Hach Nephelometer (A)
CO <sub>2</sub>	- Field determination of carbon dioxide in milligrams per liter
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in micromhos at 25° C
HCO <sub>3</sub>	- Bicarbonate in milligrams per liter
CO <sub>3</sub>	- Carbonate in milligrams per liter

Nitrogen Series as N

NO <sub>2</sub>	- Unfiltered nitrite
NH <sub>3</sub>	- Unfiltered ammonia
NO <sub>3</sub>	- Unfiltered nitrate
ORG N	- Organic nitrogen
DIS ORG N	- Dissolved organic nitrogen
NH <sub>3</sub> + ORG N	- Ammonia plus organic nitrogen
CaCO <sub>3</sub> P	- Carbonate alkalinity as calcium carbonate
CaCO <sub>3</sub> T	- Carbonate plus bicarbonate alkalinity as calcium carbonate

Phosphorus Series as P

DIS A.H.PO <sub>4</sub>	- Dissolved acid hydrolyzable phosphate
F H <sub>3</sub> PO <sub>4</sub>	- Filtered phosphoric acid
U H <sub>3</sub> PO <sub>4</sub>	- Unfiltered phosphoric acid

The LAB and SAMPLER codes are as follows:

1200	- Los Angeles Department of Water and Power
4206	- Long Beach Water Department
5089	- San Diego Regional Water Quality Control Board (No. 9)
5877	- Environmental Engineering Lab., Inc., Chula Vista



TABLE E-4 (CONT.)

DATE TIME		SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF GROUND WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER											
					LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	N02 N03	F ORG N U ORG N	F (NH3 U ORG N)	DIS A.M.P04	F H3P04 U H3P04	F TOT P U TOT P	REM					
		U U-05 U-05.A U-05.A5 04S/12W-06J01				S	LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																
04/03/73	4206							1A<		167		--	--	--			0.016	--					
	4206				8.7	383			5.0	--	--	--	--	--			--	--					
09/04/73	4206			26.0C				1A<		172		--	--	--			0.007	--					
	4206				8.6	398			4.4	--	0.045	--	--	--			--	--					
		04S/12W-06J02				S																	
10/05/72	4206							1A<		176		--	--	--			0.016	--					
	4206				8.7	382			6.5	--	0.	--	--	--			--	--					
06/04/73	4206							1A<		182		--	--	--			0.032	--					
	4206				8.7	395			7.6	--	--	--	--	--			--	--					
		04S/12W-06K01				S																	
03/21/73	4206							1A<		230		--	--	--			0.00	--					
	4206				8.5	423			4.3	--	--	--	--	--			--	--					
		04S/12W-06K02				S																	
10/03/72	4206							1A<		152		--	--	--			0.022	--					
	4206				8.6	358			4.0	--	0.	--	--	--			--	--					
01/30/73	4206							1A>		149		--	--	--			0.026	--					
	4206				8.7	348			5.9	--	0.	--	--	--			--	--					
08/01/73	4206							1A<		159		--	--	--			0.016	--					
	4206				8.6	359			4.1	--	--	--	--	--			--	--					
		04S/12W-06K04				S																	
03/21/73	4206							1A<		150		--	--	--			0.0098	--					
	4206				8.5	360			2.6	--	--	--	--	--			--	--					
		04S/12W-13C03				S																	
11/03/72	4206							1A<		197		--	--	--			0.062	--					
	4206				8.0	366			0	--	0.	--	--	--			--	--					
04/03/73	4206							1A<		201		--	--	--			0.071	--					
	4206				8.2	408			0	--	--	--	--	--			--	--					
07/03/73	4206							1A<		198		--	--	--			0.039	--					
	4206				8.2	366			0	--	--	--	--	--			--	--					
		04S/12W-13D03				S																	
10/06/72	4206							1A<		208		--	--	--			0.049	--					
	4206				8.2	364			0	--	0.	--	--	--			--	--					
03/06/73	4206							1A<		204		--	--	--			0.042	--					
	4206				8.1	362			0	--	--	--	--	--			--	--					
06/05/73	4206							1A<		217		--	--	--			0.055	--					
	4206				8.1	372			0	--	--	--	--	--			--	--					
07/03/73	4206							1A<		208		--	--	--			0.049	--					
	4206				8.2	356			0	--	--	--	--	--			--	--					
		04S/12W-13N02				S																	
10/03/72	4206							1A<		164		--	--	--			0.026	--					
	4206				8.6	384			3.8	--	0.	--	--	--			--	--					
01/31/73	4206							1A<		162		--	--	--			0.045	--					
	4206				8.6	385			4.7	--	0.	--	--	--			--	--					
08/01/73	4206							1A<		164		--	--	--			0.022	--					
	4206				8.6	377			4.1	--	--	--	--	--			--	--					
		04S/12W-14A02				S																	
10/03/72	4206							1A<		203		--	--	--			0.035	--					
	4206				7.9	395			0	--	0.	--	--	--			--	--					
01/30/73	4206							1A<		203		--	--	--			0.042	--					
	4206				8.1	384			0.0	--	0.	--	--	--			--	--					
09/04/73	4206			22.0C				1A<		203		--	--	--			--	--					
	4206				8.0	388			0	--	0.00	--	--	--			--	--					
		04S/12W-14C02				S																	
06/05/73	4206							1A<		152		--	--	--			0.042	--					
	4206				8.9	337			11.9	--	--	--	--	--			--	--					
07/31/73	4206							1A<		163		--	--	--			0.0326	--					
	4206				8.9	353			10.4	--	--	--	--	--			--	--					
		04S/12W-14C05				S																	
10/03/72	4206							1A<		174		--	--	--			0.032	--					
	4206				8.1	349			0	--	0.	--	--	--			--	--					
01/30/73	4206							1A<		174		--	--	--			0.032	--					
	4206				8.1	335			0	--	0.	--	--	--			--	--					
09/04/73	4206							1A<		173		--	--	--			0.026	--					
	4206				8.2	343			0	--	0.0	--	--	--			--	--					

TABLE E-4 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD PH	LABORATORY EC	NUTRIENT ANALYSIS OF GROUND WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER										F TOT P		
						TURB	CAC03	P	MC03	NH3	N02	F ORG N	F (NH3 +	DIS	F H3PO4	F TOT P	U TOT P	REM					
						F-C02	CAC03	T	C03		N03	U ORG N	U ORG N	A-H <sub>2</sub> PO <sub>4</sub>	U H3PO4								
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																							
												CONTINUED											
		U U-05 U-05.A U-05.A5 04S/12W-14K01 S																					
03/26/73	4206 4206		8.4	350			1A<		168 2.8	--	--	--	--	--	--	0.029	--						
		04S/12W-14P01 S																					
10/03/72	4206 4206		8.5	330			1A<		157 2.8	--	0.	--	--	--	--	0.026	--						
		04S/12W-14R01 S																					
03/22/73	4206 4206		8.1	394			1A<		178 0	--	--	--	--	--	--	0.029	--						
		04S/12W-16J01 S																					
10/03/72	4206 4206		8.7	301			1A<		132 5.2	--	0.225	--	--	--	--	0.019	--						
05/01/73	4206 4206		8.6	302			1A<		134 4.4	--	--	--	--	--	--	0.013	--						
08/01/73	4206 4206		8.6	293			1A<		134 4.7	--	--	--	--	--	--	0.0065	--						
		04S/12W-16R01 S																					
10/03/72	4206 4206		8.7	317			1A<		148 5.2	--	0.	--	--	--	--	0.029	--						
01/31/73	4206 4206		8.6	320			1A<		149 4.6	--	0.	--	--	--	--	0.029	--						
08/01/73	4206 4206		8.7	312			1A<		148 5.8	--	--	--	--	--	--	0.0228	--						
		04S/12W-17E01 S																					
10/06/72	4206 4206		8.9	374			1A<		183 10.1	--	0.	--	--	--	--	0.042	--						
06/05/73	4206 4206		8.7	378			1A<		188 6.7	--	--	--	--	--	--	0.0359	--						
07/03/73	4206 4206		8.8	369			1A<		183 9.4	--	--	--	--	--	--	0.013	--						
		04S/12W-17N02 S																					
03/19/73	4206 4206		8.6	333			1A<		163 5.8	--	--	--	--	--	--	0.035	--						
		04S/12W-17P03 S																					
10/05/72	4206 4206		8.7	325			1A<		150 5.8	--	0.	--	--	--	--	0.022	--						
05/01/73	4206 4206		8.7	328			0A		152 5.2	--	--	--	--	--	--	0.022	--						
07/03/73	4206 4206		8.7	307			1A<		152 5.8	--	--	--	--	--	--	0.016	--						
		04S/12W-17Q01 S																					
10/05/72	4206 4206		8.8	340			1A<		156 10.3	--	0.	--	--	--	--	0.032	--						
06/05/73	4206 4206		8.7	340			1A<		164 7.2	--	--	--	--	--	--	0.032	--						
07/31/73	4206 4206		8.7	318			1A<		153 5.2	--	--	--	--	--	--	0.026	--						
		04S/12W-20G01 S																					
03/22/73	4206 4206		8.7	336			1A<		165 9.0	--	--	--	--	--	--	0.019	--						
		04S/12W-20J04 S																					
03/19/73	4206 4206		8.7	461			1A>		243 13.1	--	--	--	--	--	--	0.071	--						
		04S/12W-21M05 S																					
03/15/73	4206 4206		8.8	308			1A<		133 9.0	--	--	--	--	--	--	0.016	--						
		04S/12W-23C01 S																					
01/30/73	4206 4206		8.6	332			1A<		149 5.2	--	0.	--	--	--	--	0.022	--						
09/04/73	4206 4206	26.SC	8.6	333			1A<		154 3.5	--	0.0	--	--	--	--	0.016	--						
		04S/12W-23K03 S																					
10/03/72	4206 4206		8.7	363			1A<		149 5.0	--	0.	--	--	--	--	0.022	--						
01/31/73	4206 4206		8.8	335			1A<		134 10.1	--	1.	--	--	--	--	0.026	--						
08/01/73	4206 4206		8.7	350			1A<		149 5.6	--	--	--	--	--	--	0.013	--						

DATE  
TIME  
• • • • •

10/30/72



TABLE E-4 (CONT.)

NUTRIENT ANALYSIS OF GROUND WATER														
FIELD					FIELD					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				
DATE	SAMP	G.M.	TEMP	LABORATORY	TURB	CAC03	P	HC03	N02	F ORG N	F (NH3)	DIS	F H3P04	F TOT P
TIME	LAB	DISCH.	DEPTH	PH	EC	F-C02	CAC03	T	N03	U ORG N	U ORG N	A.M.P04	U H3P04	U TOT P
.....														
U					LOS ANGELES DRAINAGE PROVINCE									
U-05					LA-SAN GABRIEL RIVER HYDRO UNIT									
U-05.B					SAN FERNANDO HYDRO SUBUNIT									
U-05.B3					TUJUNGA HYDRO SUBAREA									
02N/14W-13E04 S					CONTINUED									
.....														
10/30/72	1200		20.5C	7.1		1A<		182	0.000	--	--	--	--	--
	1200			7.0	455		150	0.00	9.26	0.04	0.04	--	--	--

TABLE E-4 (CONT.)

NUTRIENT ANALYSIS OF GROUND WATER																	NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER										
DATE	SAMP	G.M.	TEMP	FIELD	LAB	TURB	CAC03	P	HC03	NH3	N02	F ORG N	F (NH3 +	DIS	F H3P04	F TOT P											
TIME	LAB	DISCH.	DEPTH	PH	EC	F-C02	CAC03	T	C03		N03	U ORG N	U ORG N)	A.H.P04	U H3P04	U TOT P	REM										
.....																											
Z																		SAN DIEGO DRAINAGE PROVINCE									
Z-07																		SAN DIEGO HYDRO UNIT									
Z-07.A																		LOWER SAN DIEGO HYDRO SUBUNIT									
Z-07.A2																		SANTEE HYDRO SUBAREA									
15S/01W-30M01 S																											
08/23/73 5089																		256					--				
5877																		0					0.23				
																		4.0					--				
																							0.198				
																							--				

## Appendix F

### WASTE WATER DATA

Appendix F "Waste Water Data", which appeared in certain volumes of Bulletin No. 130 series, has been discontinued. For information regarding waste water the reader is referred to the recently reactivated Bulletin No 68 series: "Inventory of Waste Water Production and Waste Water Reclamation Practices in California".

Please note the data presented in Bulletin No. 68 are on a calendar year basis rather than a water year basis as is the case in Bulletin No. 130.



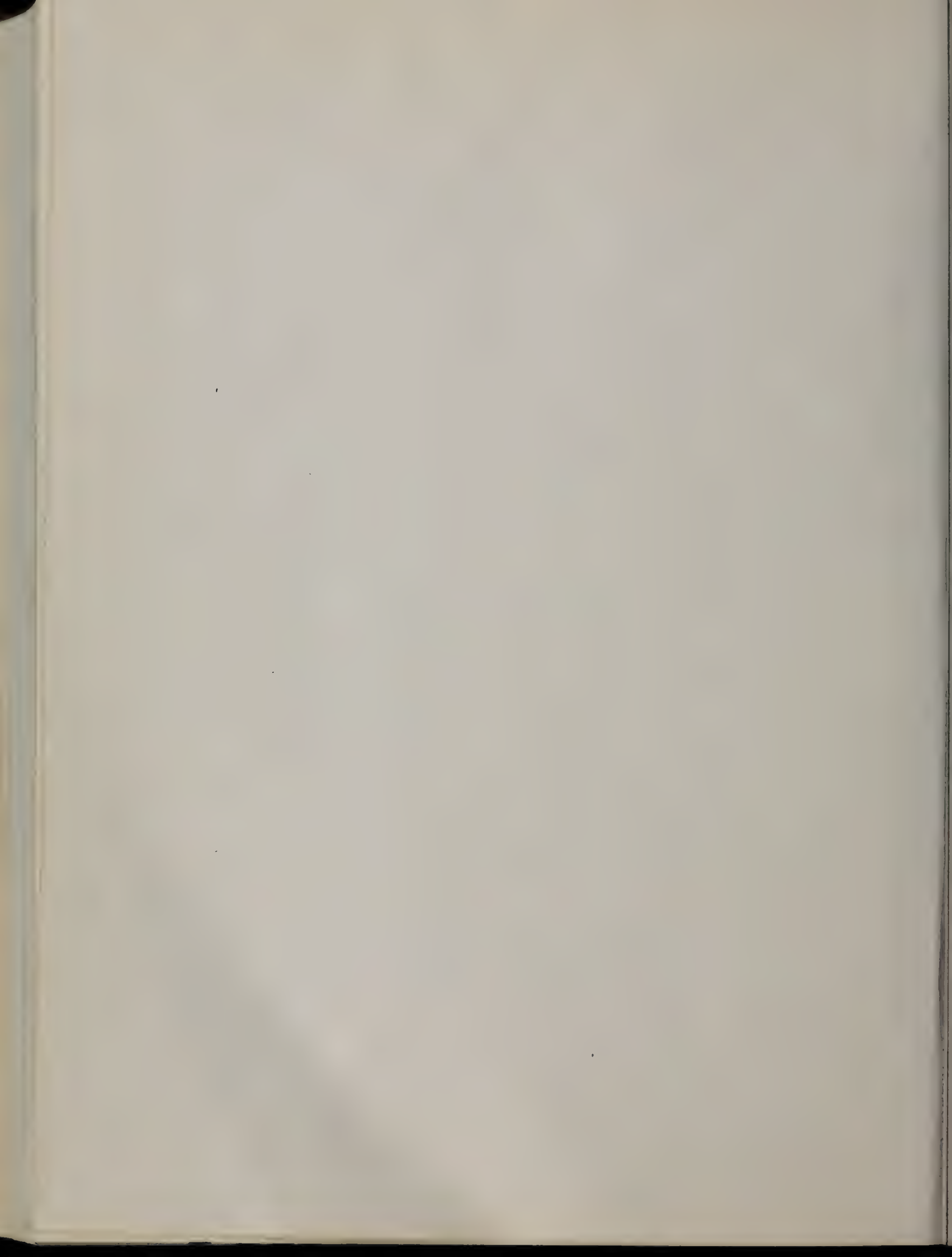




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